

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0719734335](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch C-Grid® PCB Connector, Dual Row, Right Angle, Early Entry Receptacle, with Flange, 70 Circuits, Lead free

Documents:

3D Model	Product Specification PS-71973-9999 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	71973
Application	Board-to-Board
Overview	cgrid_sl_products
Product Name	C-Grid®

Physical

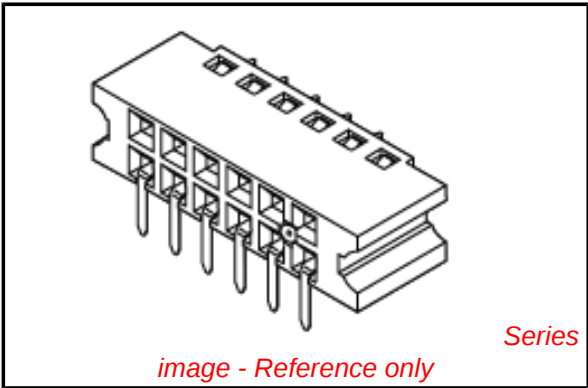
Circuits (Loaded)	70
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.120 In
PC Tail Length (mm)	3.05 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.90
Polarized to PCB	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status
Not Reviewed**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[71973Series](#)

Packaging Specification
Product Specification
Sales Drawing

PK-70873-0139
PS-71973-9999
SDA-71973-****

This document was generated on 05/31/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

10 9 8 7 6 5 4 3 2 1

NOTES:

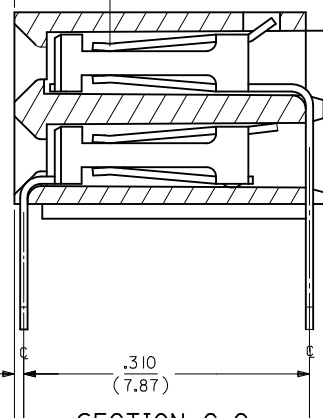
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 5 & 6 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 6 & 7
FOR THIS PRODUCT IN TRAYS SEE SHT. 8 & 9

FINISHES

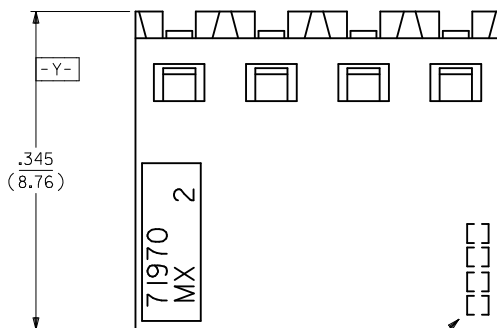
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

.105
(2.67)

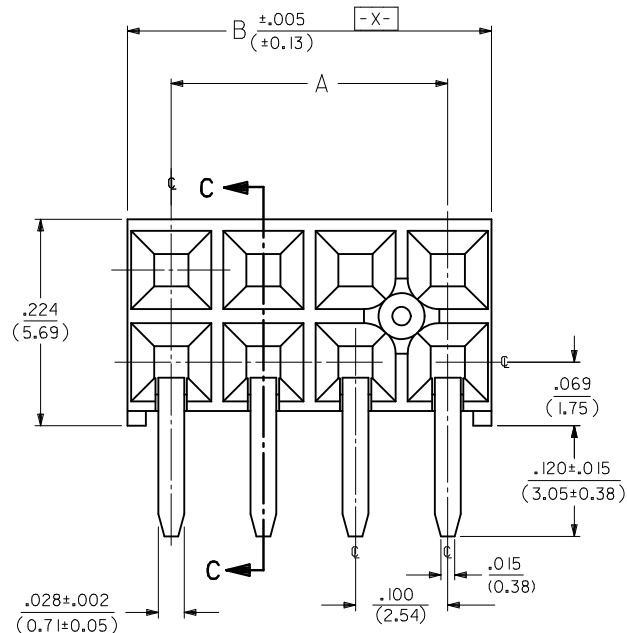
POINT OF
CONTACT



SECTION C-C



4 DIGIT DATE CODE
SEE NOTE 5

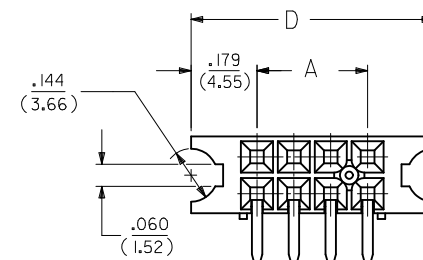
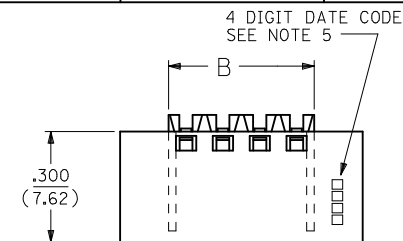


- ⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "A" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

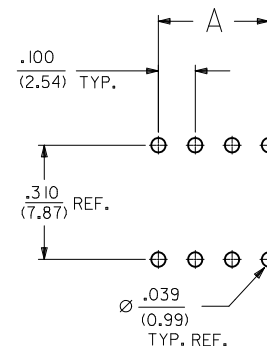
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



OPTION "B" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. A FOR ALL OTHER INFORMATION

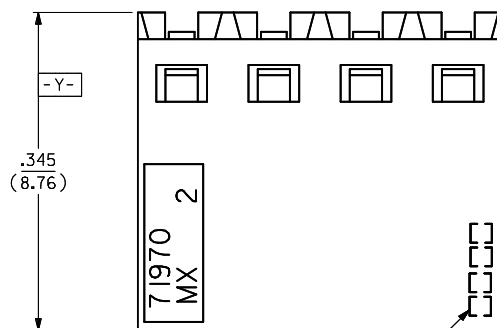
OPTION "J" ASSEMBLY
OPTION "J" IS THE SAME AS OPTION "B" EXCEPT
DATE CODE IS NOT STAMPED ON HOUSING.



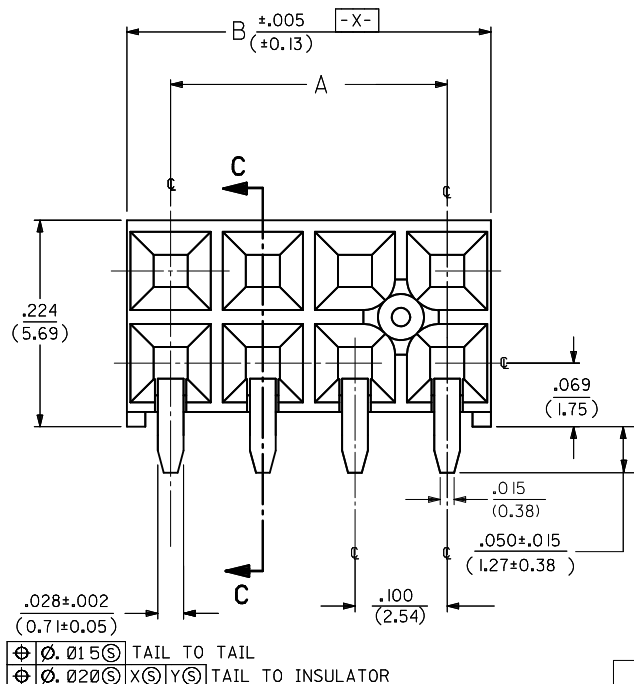
RECOMMENDED P.C.B.
LAYOUT

ADD OPTION K & L EC NO: S2010-0534 DRWN:KANG 2009/12/30 CHKD:ATSE 2010/01/08 APPR:MLONG 2010/01/14	QUALITY SYMBOLS FA=0 FE=0 FP=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21		
			3 PLACES	± ---	± .010				
			2 PLACES	± 0.25	± ---				
			1 PLACE	± ---	± ---				
			ANGULAR ±1/2°		APPROVED BY MLONG	DATE 2010/01/14	DOCUMENT NO. SDA-71973-****		SHEET NO. 1 OF 26
K	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				SIZE A3					

9 8 7 6 5 4 3 2 1



4 DIGIT DATE CODE
SEE NOTE 5



OPTION "C" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO RoHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.

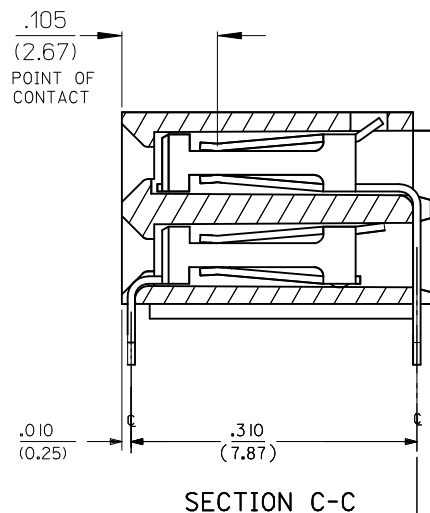
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Rev. F 2009/06/18

NOTES:

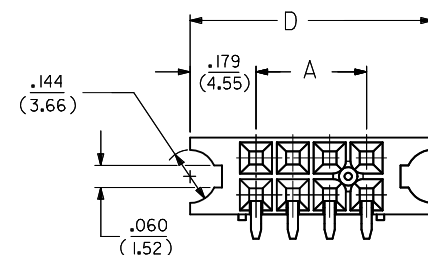
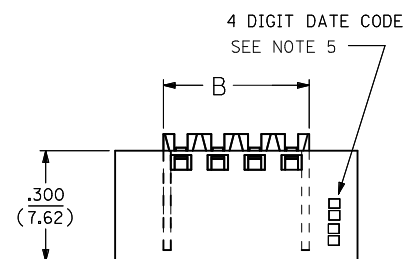
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 9 & 10 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .285" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR
PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 10 & 11
FOR THIS PRODUCT IN TRAYS SEE SHT. 12 & 13

FINISHES

- | | |
|---------|--|
| 15 GOLD | .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA. |
| 30 GOLD | .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA. |
| 50 GOLD | .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA. |

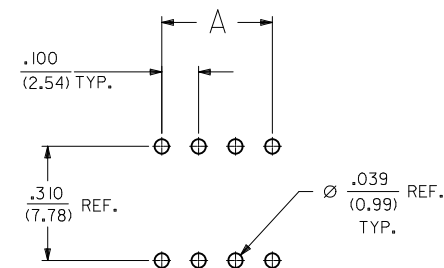


SECTION C-C



OPTION "D" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
SCALE 4:1

REFER TO OPT. C FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2010-0534		F _A =0		mm		IN/MM		NTS		INCH			
2009/12/30	DRWN:SKANG	F _E =0		INCH		DRAWN BY		DATE		TITLE			
2010/01/08	CHKD:ATSEE	F _P =0		4 PLACES ± --- ± ---		DATE		1991/10/21		EARLY ENTRY R/A RECPT			
2010/01/14	APPR:MLONG			3 PLACES ± --- ± .010		CHECKED BY		DATE		.120"PC TAIL W/O LOWER			
				2 PLACES ± 0.25 ± ---		DATE		1991/10/21		ROW PINSTOP-.100" GRID			
				1 PLACE ± --- ± ---		APPROVED BY		DATE		MOLEX INCORPORATED			
				ANGULAR ± 1/2°		MLONG		2010/01/14		SDA-71973-****			
				DRAFT WHERE APPLICABLE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
				MUST REMAIN		SEE TABLE				2 OF 26			
				WITHIN DIMENSIONS		SIZE							
						A3							

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

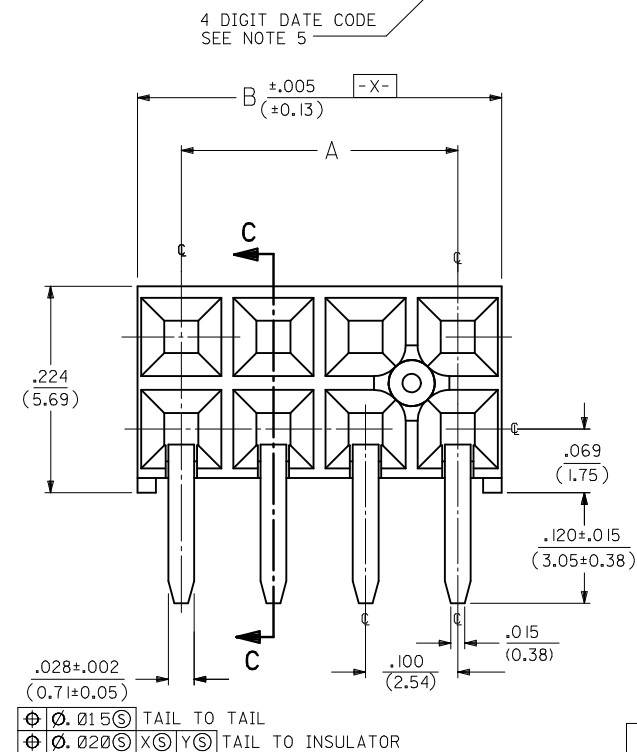
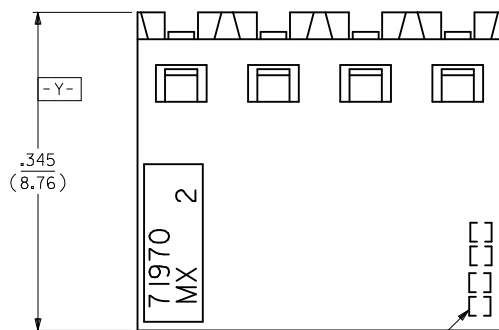
10 9 8 7 6 5 4 3 2 1

NOTES:

- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 14 & 15
FOR THIS PRODUCT IN TRAYS SEE SHT. 16 & 17

FINISHES

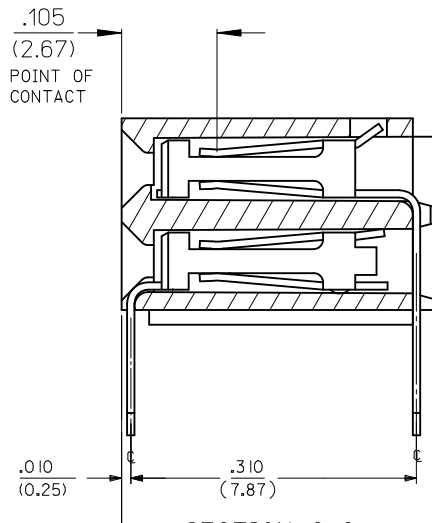
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.



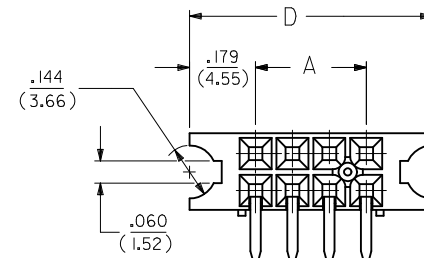
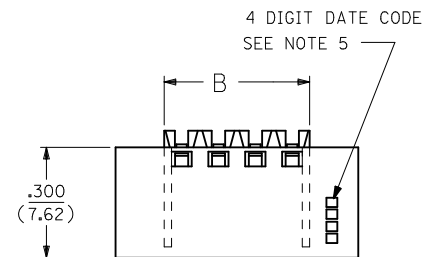
OPTION "E" ASSEMBLY
STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:

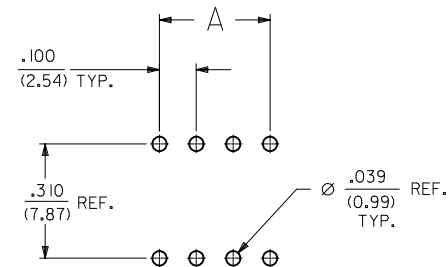
THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO ROHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



SECTION C-C



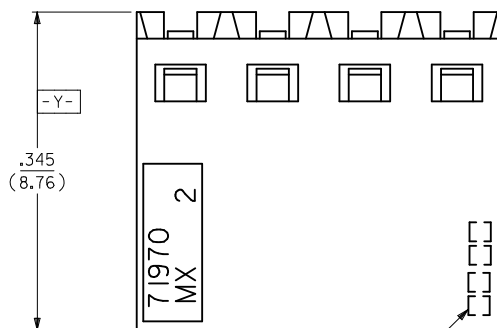
OPTION "F" ASSEMBLY
STD. HOUSING W/MOUNTING EARS
AND LOWER ROW PINSTOP
SCALE 4:1
REFER TO OPT. E FOR ALL OTHER INFORMATION



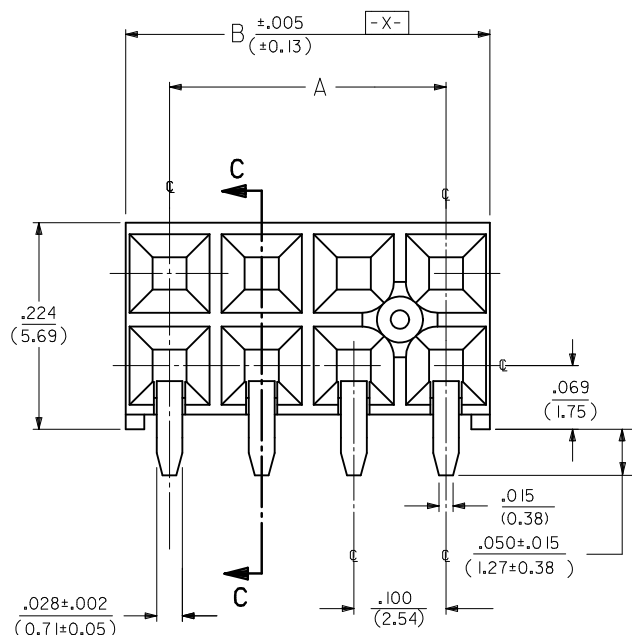
RECOMMENDED P.C.B. LAYOUT

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
		IN/MM		NTS		INCH			
		mm	INCH	DRAWN BY	DATE	TITLE			
4 PLACES		± .005	± .002	DJB	1991/10/21	EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 3 OF 26	
3 PLACES		± .010	± .005	CHECKED BY	DATE				
2 PLACES		± .025	± .010	DJB	1991/10/21				
1 PLACE		± .050	± .020	APPROVED BY	DATE				
ANGULAR ± 1/2°				MLONG	2010/01/14	DOCUMENT NO. SDA-71973-****			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE							

10 9 8 7 6 5 4 3 2 1



4 DIGIT DATE CODE
SEE NOTE 5



⊕ Ø.015(5) TAIL TO TAIL
⊕ Ø.020(5) X(5) Y(5) TAIL TO INSULATOR

OPTION "G" ASSEMBLY STANDARD HOUSING

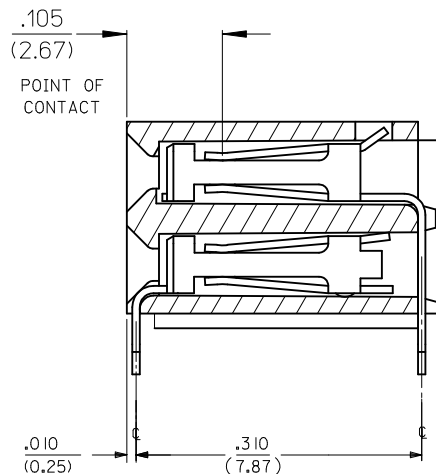
NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

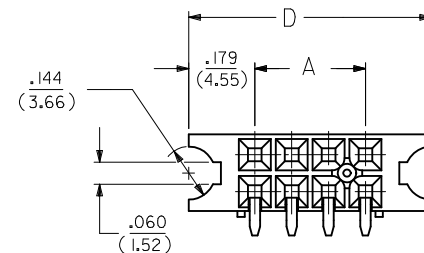
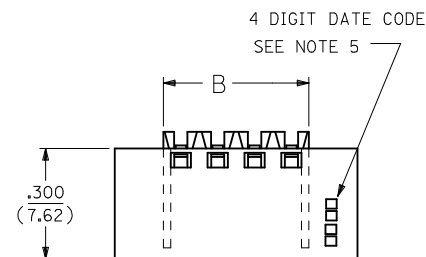
- NOTES:**
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 17 & 18 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 18 & 19
FOR THIS PRODUCT IN TRAYS SEE SHT. 20 & 21

FINISHES

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

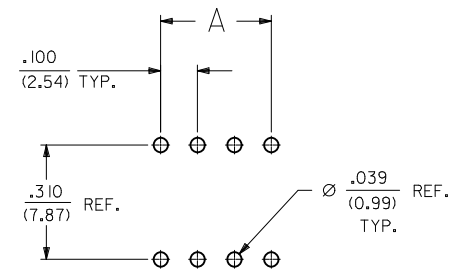


SECTION C-C



OPTION "H" ASSEMBLY STD. HOUSING W/MOUNTING EARS AND LOWER PINSTOP SCALE 4:1

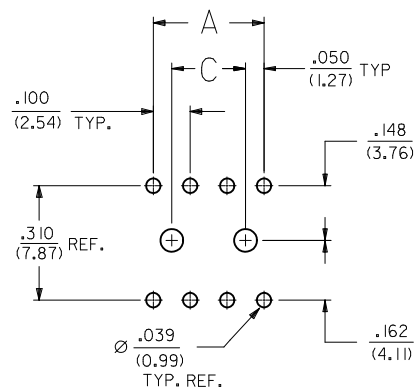
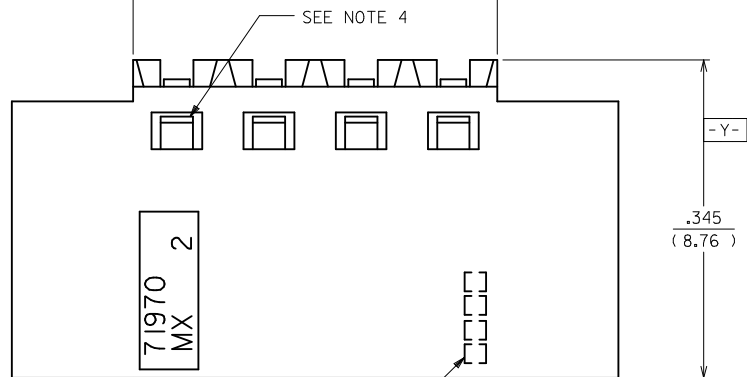
REFER TO OPT. G FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14			QUALITY SYMBOLS FA=0 FE=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
				mm INCH		DRAWN BY DATE		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		
				4 PLACES ± --- ± ---		DJB 1991/10/21				
				3 PLACES ± --- ± .010		CHECKED BY DATE				
		2 PLACES ± 0.25 ± ---		DJB 1991/10/21						
		1 PLACE ± --- ± ---		APPROVED BY DATE						
		ANGULAR ±1/2°		MLONG 2010/01/14		molex		MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				SEE TABLE		SDA-71973-****		4 OF 26		
K		REV		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

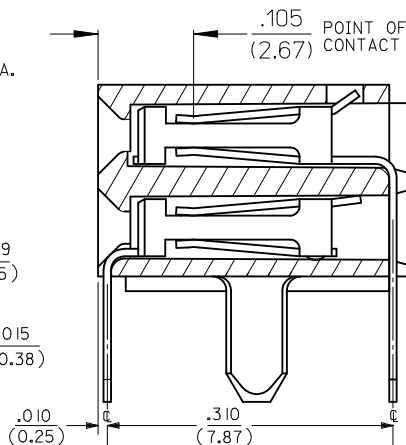
10 9 8 7 6 5 4 3 2 1



RECOMMENDED P.C.B.
LAYOUT

SCALE 4:1

SECTION D-D



NOTES:

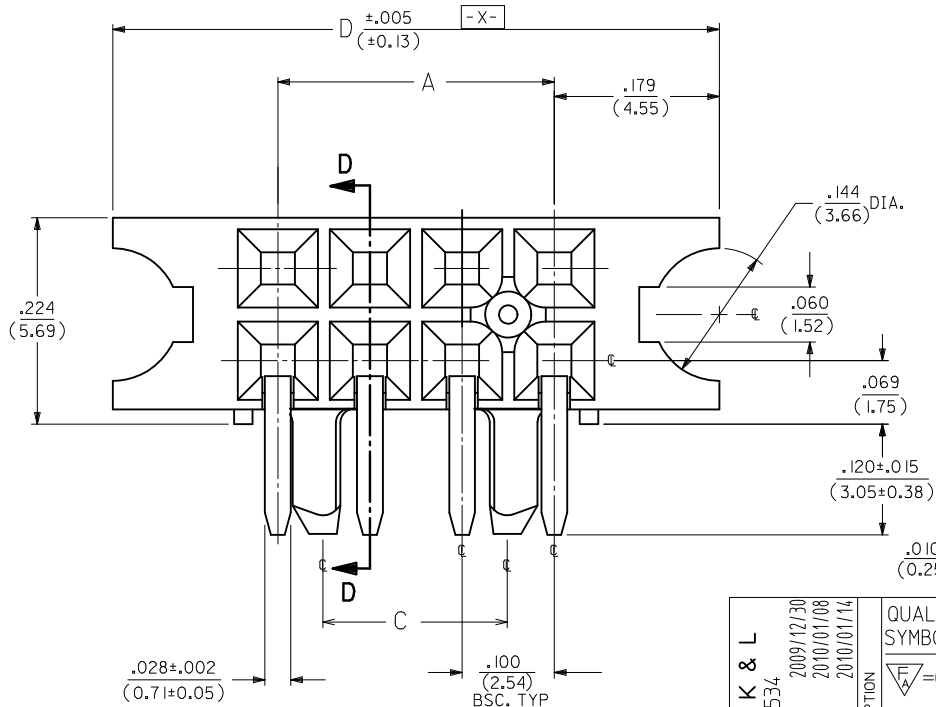
- 1.) MATERIAL -
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 22

FINISHES PER ES-88-(***)

- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE
LABELED "COMPLIANT TO ROHS DIRECTIVE
2002/95/EC AND ELV ANNEX II OF
DIRECTIVE 2000/53/EC". CARTONS WITHOUT
THIS LABEL MAY CONTAIN PRODUCT WITH
LEAD.



.028±.002
(0.71±0.05)
Ø .015 (S) TAIL TO TAIL
Ø .020 (S) X (S) Y (S) TAIL TO INSULATOR
(SEE NOTE 7)

OPTION "I" ASSEMBLY

STANDARD HOUSING W/ PEGS AND MOUNTING EARS

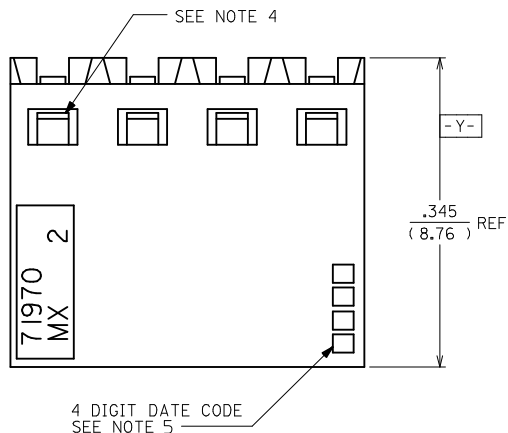
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	QUALITY SYMBOLS FA=0 FC=0 FP=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY	DATE	TITLE	DOCUMENT NO.				
					CHECKED BY	DATE						
					ANGULAR ±1/2°		APPROVED BY	DATE		MATERIAL NO.	SHEET NO.	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE		SDA-71973-****				
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

FINISHES

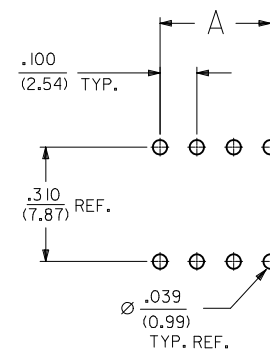
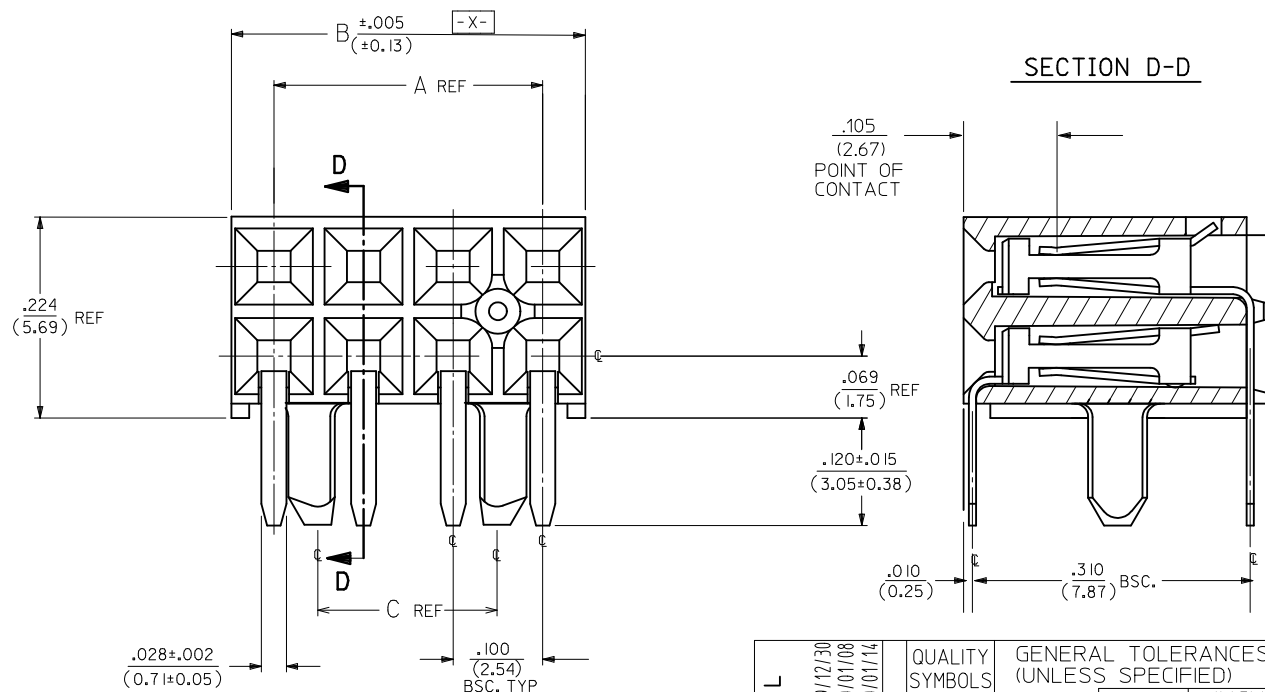
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

NOTES:

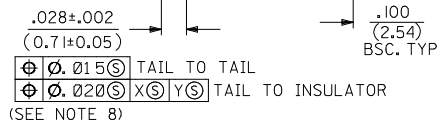
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
- 2.) SEE SHT.25 FOR CHART DIMENSIONS AND ITEM NO.'S
- 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .285" MAX.
UPPER ROW - .200" MINIMUM
- 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
- 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
- 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT.25



SECTION D-D



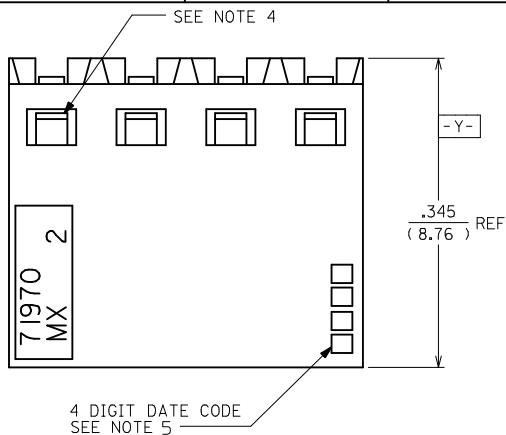
RECOMMENDED P.C.B.
LAYOUT



OPTION "K" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	DESCRIPTION	QUALITY SYMBOLS FA=0 FC=0 FP=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED
			mm	INCH	DRAWN BY DJB	DATE 1991/10/21				
			4 PLACES ± --- ± ---	CHECKED BY DJB	DATE 1991/10/21					
			3 PLACES ± --- ± .010	APPROVED BY MLONG	DATE 2010/01/14					
			2 PLACES ± 0.25 ± ---							
K	REV		1 PLACE ± --- ± ---							
			ANGULAR ±1/2°							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SDA-71973-****		SHEET NO. 6 OF 26	
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10 9 8 7 6 5 4 3 2 1



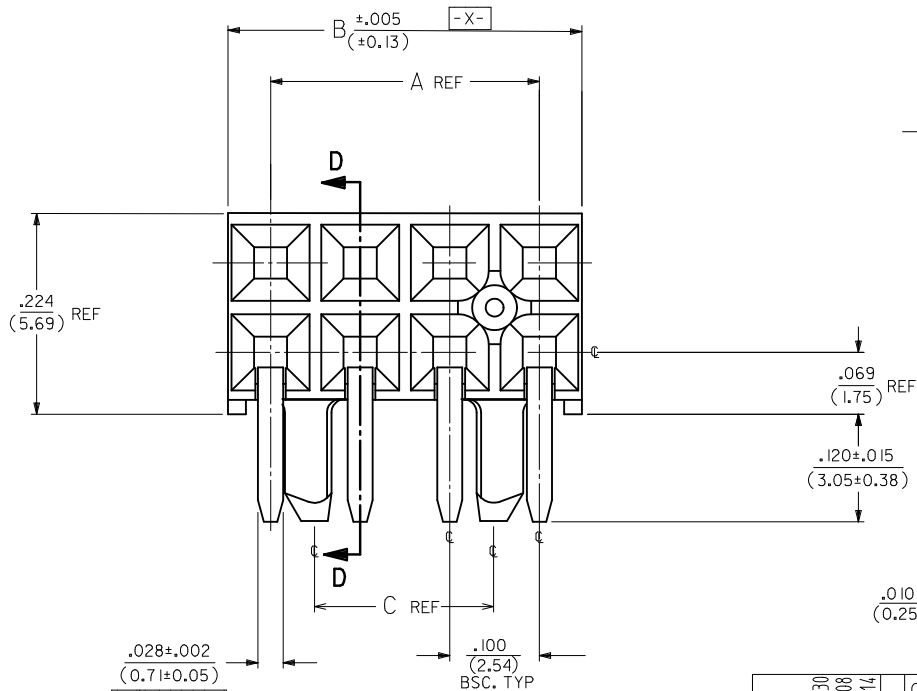
FINISHES

15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

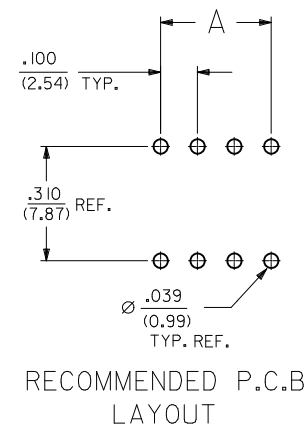
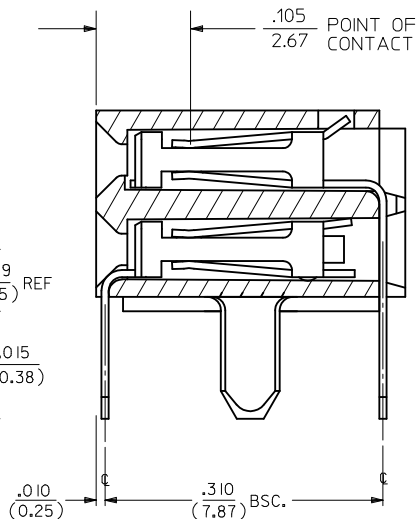
30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000075 MINIMUM TIN PLATE IN SELECT AREA.

50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER
.000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH
.000100 MINIMUM TIN PLATE IN SELECT AREA.

- NOTES:
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-0, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 22 FOR CHART DIMENSIONS AND ITEM NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MINIMUM, .250" MAX.
UPPER ROW - .200" MINIMUM
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 26



SECTION D-D



$\frac{.028 \pm .002}{(0.71 \pm 0.05)}$

$\frac{.100}{(2.54)}$ BSC. TYP

$\varnothing .015$ TAIL TO TAIL

$\varnothing .020$ X S Y TAIL TO INSULATOR
(SEE NOTE 8)

OPTION "L" ASSEMBLY
STANDARD HOUSING W/ PEGS

ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY DJB	DATE 1991/10/21	TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED					
			4 PLACES	± ---	± ---	CHECKED BY DJB	DATE 1991/10/21						
			3 PLACES	± ---	± .010								
			2 PLACES	± 0.25	± ---								
			1 PLACE	± ---	± ---	APPROVED BY MLONG	DATE 2010/01/14	MOLEX					
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-71973-****		7 OF 26				
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1

10		9		8		7		6		5		4		3		2		1											
NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION									
PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B					15 GOLD		30 GOLD		50 GOLD		A	B						
4	8				71973-0204	71973-0304	71973-0404	.300 (7.62)	.395 (10.03)								71973-0233	71973-0333	71973-0433	3.200 (81.28)	3.295 (83.69)								
5	10				71973-0205	71973-0305	71973-0405	.400 (10.16)	.495 (12.57)								71973-0234	71973-0334	71973-0434	3.300 (83.82)	3.395 (86.23)								
6	12				71973-0206	71973-0306	71973-0406	.500 (12.70)	.595 (15.11)								71973-0235	71973-0335	71973-0435	3.400 (86.36)	3.495 (88.77)								
7	14				71973-0207	71973-0307	71973-0407	.600 (15.24)	.695 (17.65)								71973-0236	71973-0336	71973-0436	3.500 (88.90)	3.595 (91.31)								
8	16				71973-0208	71973-0308	71973-0408	.700 (17.78)	.795 (20.19)																				
9	18				71973-0209	71973-0309	71973-0409	.800 (20.32)	.895 (22.73)																				
10	20				71973-0210	71973-0310	71973-0410	.900 (22.86)	.995 (25.27)																				
11	22				71973-0211	71973-0311	71973-0411	1.000 (25.40)	1.095 (27.81)																				
12	24				71973-0212	71973-0312	71973-0412	1.100 (27.94)	1.195 (30.35)																				
13	26				71973-0213	71973-0313	71973-0413	1.200 (30.48)	1.295 (32.89)																				
14	28				71973-0214	71973-0314	71973-0414	1.300 (33.02)	1.395 (35.43)																				
15	30				71973-0215	71973-0315	71973-0415	1.400 (35.56)	1.495 (37.97)																				
16	32				71973-0216	71973-0316	71973-0416	1.500 (38.10)	1.595 (40.51)																				
17	34				71973-0217	71973-0317	71973-0417	1.600 (40.64)	1.695 (43.05)																				
18	36				71973-0218	71973-0318	71973-0418	1.700 (43.18)	1.795 (45.59)																				
19	38				71973-0219	71973-0319	71973-0419	1.800 (45.72)	1.895 (48.13)																				
20	40				71973-0220	71973-0320	71973-0420	1.900 (48.26)	1.995 (50.67)																				
21	42				71973-0221	71973-0321	71973-0421	2.000 (50.80)	2.095 (53.21)																				
22	44				71973-0222	71973-0322	71973-0422	2.100 (53.34)	2.195 (55.75)																				
23	46				71973-0223	71973-0323	71973-0423	2.200 (55.88)	2.295 (58.29)																				
24	48				71973-0224	71973-0324	71973-0424	2.300 (58.42)	2.395 (60.83)																				
25	50				71973-0225	71973-0325	71973-0425	2.400 (60.96)	2.495 (63.37)																				
26	52				71973-0226	71973-0326	71973-0426	2.500 (63.50)	2.595 (65.91)																				
27	54				71973-0227	71973-0327	71973-0427	2.600 (66.04)	2.695 (68.45)																				
28	56				71973-0228	71973-0328	71973-0428	2.700 (68.58)	2.795 (70.99)																				
29	58				71973-0229	71973-0329	71973-0429	2.800 (71.12)	2.895 (73.53)																				
30	60				71973-0230	71973-0330	71973-0430	2.900 (73.66)	2.995 (76.07)																				
31	62				71973-0231	71973-0331	71973-0431	3.000 (76.20)	3.095 (78.61)																				
32	64				71973-0232	71973-0332	71973-0432	3.100 (78.74)	3.195 (81.15)																				
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K										QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°				DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MLONG 2010/01/14				SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION					
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE				MATERIAL NO.				DOCUMENT NO.				SHEET NO.			
tb_frame_A3_P_AM.T Rev. F 2009/06/18										9		8		7		6		5		4		3		2		1			

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION A ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL				15 GOLD	30 GOLD	50 GOLD	A	B			PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			
4	8				71973-6604	71973-6704	71973-6804	.300 (7.62)	.395 (10.03)			33	66			71973-6633	71973-6733	71973-6833	3.200 (81.28)	3.295 (83.69)			
5	10				71973-6605	71973-6705	71973-6805	.400 (10.16)	.495 (12.57)			34	68			71973-6634	71973-6734	71973-6834	3.300 (83.82)	3.395 (86.23)			
6	12				71973-6606	71973-6706	71973-6806	.500 (12.70)	.595 (15.11)			35	70			71973-6635	71973-6735	71973-6835	3.400 (86.36)	3.495 (88.77)			
7	14				71973-6607	71973-6707	71973-6807	.600 (15.24)	.695 (17.65)			36	72			71973-6636	71973-6736	71973-6836	3.500 (88.90)	3.595 (91.31)			
8	16				71973-6608	71973-6708	71973-6808	.700 (17.78)	.795 (20.19)														
9	18				71973-6609	71973-6709	71973-6809	.800 (20.32)	.895 (22.73)														
10	20				71973-6610	71973-6710	71973-6810	.900 (22.86)	.995 (25.27)														
11	22				71973-6611	71973-6711	71973-6811	1.000 (25.40)	1.095 (27.81)														
12	24				71973-6612	71973-6712	71973-6812	1.100 (27.94)	1.195 (30.35)														
13	26				71973-6613	71973-6713	71973-6813	1.200 (30.48)	1.295 (32.89)														
14	28				71973-6614	71973-6714	71973-6814	1.300 (33.02)	1.395 (35.43)														
15	30				71973-6615	71973-6715	71973-6815	1.400 (35.56)	1.495 (37.97)														
16	32				71973-6616	71973-6716	71973-6816	1.500 (38.10)	1.595 (40.51)														
17	34				71973-6617	71973-6717	71973-6817	1.600 (40.64)	1.695 (43.05)														
18	36				71973-6618	71973-6718	71973-6818	1.700 (43.18)	1.795 (45.59)														
19	38				71973-6619	71973-6719	71973-6819	1.800 (45.72)	1.895 (48.13)														
20	40				71973-6620	71973-6720	71973-6820	1.900 (48.26)	1.995 (50.67)														
21	42				71973-6621	71973-6721	71973-6821	2.000 (50.80)	2.095 (53.21)														
22	44				71973-6622	71973-6722	71973-6822	2.100 (53.34)	2.195 (55.75)														
23	46				71973-6623	71973-6723	71973-6823	2.200 (55.88)	2.295 (58.29)														
24	48				71973-6624	71973-6724	71973-6824	2.300 (58.42)	2.395 (60.83)														
25	50				71973-6625	71973-6725	71973-6825	2.400 (60.96)	2.495 (63.37)														
26	52				71973-6626	71973-6726	71973-6826	2.500 (63.50)	2.595 (65.91)														
27	54				71973-6627	71973-6727	71973-6827	2.600 (66.04)	2.695 (68.45)														
28	56				71973-6628	71973-6728	71973-6828	2.700 (68.58)	2.795 (70.99)														
29	58				71973-6629	71973-6729	71973-6829	2.800 (71.12)	2.895 (73.53)														
30	60				71973-6630	71973-6730	71973-6830	2.900 (73.66)	2.995 (76.07)														
31	62				71973-6631	71973-6731	71973-6831	3.000 (76.20)	3.095 (78.61)														
32	64				71973-6632	71973-6732	71973-6832	3.100 (78.74)	3.195 (81.15)														
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 DESCRIPTION REV QUALITY SYMBOLS F_A=0 F_B=0 F_P=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. DOCUMENT NO. SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX MOLEX INCORPORATED SHEET NO. 10 OF 26 SDA-71973-****																							
fb_frame_A3_P_AM.T		9		8		7		6		5		4		3		2		1					
Rev. F 2009/06/18																							

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10		9		8		7		6		5		4		3		2		1					
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION			
PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B		D	PER ROW	TOTAL			I5 GOLD	30 GOLD	50 GOLD	A	B		D		
4	8			X 71973-2604	X 71973-2704	X 71973-2804	.300 (7.62)	.395 (10.03)		.658 (16.71)	33	66			X 71973-2633	X 71973-2733	X 71973-2833	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)		
5	10			X 71973-2605	X 71973-2705	X 71973-2805	.400 (10.16)	.495 (12.57)		.758 (19.25)	34	68			X 71973-2634	X 71973-2734	X 71973-2834	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)		
6	12			X 71973-2606	X 71973-2706	X 71973-2806	.500 (12.70)	.595 (15.11)		.858 (21.79)	35	70			X 71973-2635	X 71973-2735	X 71973-2835	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)		
7	14			X 71973-2607	X 71973-2707	X 71973-2807	.600 (15.24)	.695 (17.65)		.958 (24.33)	36	72			X 71973-2636	X 71973-2736	X 71973-2836	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)		
8	16			X 71973-2608	X 71973-2708	X 71973-2808	.700 (17.78)	.795 (20.19)		1.058 (26.87)													
9	18			X 71973-2609	X 71973-2709	X 71973-2809	.800 (20.32)	.895 (22.73)		1.158 (29.41)													
10	20			X 71973-2610	X 71973-2710	X 71973-2810	.900 (22.86)	.995 (25.27)		1.258 (31.95)													
11	22			X 71973-2611	X 71973-2711	X 71973-2811	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)													
12	24			X 71973-2612	X 71973-2712	X 71973-2812	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)													
13	26			X 71973-2613	X 71973-2713	X 71973-2813	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)													
14	28			X 71973-2614	X 71973-2714	X 71973-2814	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)													
15	30			X 71973-2615	X 71973-2715	X 71973-2815	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)													
16	32			X 71973-2616	X 71973-2716	X 71973-2816	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)													
17	34			X 71973-2617	X 71973-2717	X 71973-2817	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)													
18	36			X 71973-2618	X 71973-2718	X 71973-2818	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)													
19	38			X 71973-2619	X 71973-2719	X 71973-2819	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)													
20	40			X 71973-2620	X 71973-2720	X 71973-2820	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)													
21	42			X 71973-2621	X 71973-2721	X 71973-2821	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)													
22	44			X 71973-2622	X 71973-2722	X 71973-2822	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)													
23	46			X 71973-2623	X 71973-2723	X 71973-2823	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)													
24	48			X 71973-2624	X 71973-2724	X 71973-2824	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)													
25	50			X 71973-2625	X 71973-2725	X 71973-2825	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)													
26	52			X 71973-2626	X 71973-2726	X 71973-2826	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)													
27	54			X 71973-2627	X 71973-2727	X 71973-2827	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)													
28	56			X 71973-2628	X 71973-2728	X 71973-2828	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)													
29	58			X 71973-2629	X 71973-2729	X 71973-2829	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)													
30	60			X 71973-2630	X 71973-2730	X 71973-2830	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)													
31	62			X 71973-2631	X 71973-2731	X 71973-2831	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)													
32	64			X 71973-2632	X 71973-2732	X 71973-2832	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)													
X INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION				
													DRAWN BY DATE DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID								
													CHECKED BY DATE DJB 1991/10/21		MOLEX INCORPORATED								
													APPROVED BY DATE MLONG 2010/01/14		DOCUMENT NO. SDA-71973-****								
X INDICATES TOOLING IS NOT AVAILABLE							K		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 13 OF 26						
fb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1					

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10		9		8		7		6		5		4		3		2		1											
NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION D ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION									
PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			D	PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			D
4	8				71973-7804	71973-7904	71973-8004	.300 (7.62)	.395 (10.03)					.658 (16.71)	33	66				71973-7833	71973-7933	71973-8033	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)		
5	10				71973-7805	71973-7905	71973-8005	.400 (10.16)	.495 (12.57)					.758 (19.25)	34	68				71973-7834	71973-7934	71973-8034	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)		
6	12				71973-7806	71973-7906	71973-8006	.500 (12.70)	.595 (15.11)					.858 (21.79)	35	70				71973-7835	71973-7935	71973-8035	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)		
7	14				71973-7807	71973-7907	71973-8007	.600 (15.24)	.695 (17.65)					.958 (24.33)	36	72				71973-7836	71973-7936	71973-8036	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)		
8	16				71973-7808	71973-7908	71973-8008	.700 (17.78)	.795 (20.19)					1.058 (26.87)															
9	18				71973-7809	71973-7909	71973-8009	.800 (20.32)	.895 (22.73)					1.158 (29.41)															
10	20				71973-7810	71973-7910	71973-8010	.900 (22.86)	.995 (25.27)					1.258 (31.95)															
11	22				71973-7811	71973-7911	71973-8011	1.000 (25.40)	1.095 (27.81)					1.358 (34.49)															
12	24				71973-7812	71973-7912	71973-8012	1.100 (27.94)	1.195 (30.35)					1.458 (37.03)															
13	26				71973-7813	71973-7913	71973-8013	1.200 (30.48)	1.295 (32.89)					1.558 (39.57)															
14	28				71973-7814	71973-7914	71973-8014	1.300 (33.02)	1.395 (35.43)					1.658 (42.11)															
15	30				71973-7815	71973-7915	71973-8015	1.400 (35.56)	1.495 (37.97)					1.758 (44.65)															
16	32				71973-7816	71973-7916	71973-8016	1.500 (38.10)	1.595 (40.51)					1.858 (47.19)															
17	34				71973-7817	71973-7917	71973-8017	1.600 (40.64)	1.695 (43.05)					1.958 (49.73)															
18	36				71973-7818	71973-7918	71973-8018	1.700 (43.18)	1.795 (45.59)					2.058 (52.27)															
19	38				71973-7819	71973-7919	71973-8019	1.800 (45.72)	1.895 (48.13)					2.158 (54.81)															
20	40				71973-7820	71973-7920	71973-8020	1.900 (48.26)	1.995 (50.67)					2.258 (57.35)															
21	42				71973-7821	71973-7921	71973-8021	2.000 (50.80)	2.095 (53.21)					2.358 (59.89)															
22	44				71973-7822	71973-7922	71973-8022	2.100 (53.34)	2.195 (55.75)					2.458 (62.43)															
23	46				71973-7823	71973-7923	71973-8023	2.200 (55.88)	2.295 (58.29)					2.558 (64.97)															
24	48				71973-7824	71973-7924	71973-8024	2.300 (58.42)	2.395 (60.83)					2.658 (67.51)															
25	50				71973-7825	71973-7925	71973-8025	2.400 (60.96)	2.495 (63.37)					2.758 (70.05)															
26	52				71973-7826	71973-7926	71973-8026	2.500 (63.50)	2.595 (65.91)					2.858 (72.59)															
27	54				71973-7827	71973-7927	71973-8027	2.600 (66.04)	2.695 (68.45)					2.958 (75.13)															
28	56				71973-7828	71973-7928	71973-8028	2.700 (68.58)	2.795 (70.99)					3.058 (77.67)															
29	58				71973-7829	71973-7929	71973-8029	2.800 (71.12)	2.895 (73.53)					3.158 (80.21)															
30	60				71973-7830	71973-7930	71973-8030	2.900 (73.66)	2.995 (76.07)					3.258 (82.75)															
31	62				71973-7831	71973-7931	71973-8031	3.000 (76.20)	3.095 (78.61)					3.358 (85.29)															
32	64				71973-7832	71973-7932	71973-8032	3.100 (78.74)	3.195 (81.15)					3.458 (87.83)															
ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14 K								QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH		THIRD ANGLE PROJECTION										
										mm		INCH		DRAWN BY DATE DJB 1991/10/21		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		DOCUMENT NO. SDA-71973-****		SHEET NO. 15 OF 26									
										4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		CHECKED BY DATE DJB 1991/10/21															
										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				ANGULAR ±1/2°				MATERIAL NO. SEE TABLE		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
fb_frame_A3_P_AM.T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1											

10		9		8		7		6		5		4		3		2		1						
NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B					
4	8			71973-3404	71973-3504	71973-3604	.300 (7.62)	.395 (10.03)			34	68			71973-3434	71973-3534	71973-3634	3.300 (83.82)	3.395 (86.23)					
5	10			71973-3405	71973-3505	71973-3605	.400 (10.16)	.495 (12.57)			35	70			71973-3435	71973-3535	71973-3635	3.400 (86.36)	3.495 (88.77)					
6	12			71973-3406	71973-3506	71973-3606	.500 (12.70)	.595 (15.11)			36	72			71973-3436	71973-3536	71973-3636	3.500 (88.90)	3.595 (91.31)					
7	14			71973-3407	71973-3507	71973-3607	.600 (15.24)	.695 (17.65)																
8	16			71973-3408	71973-3508	71973-3608	.700 (17.78)	.795 (20.19)																
9	18			71973-3409	71973-3509	71973-3609	.800 (20.32)	.895 (22.73)																
10	20			71973-3410	71973-3510	71973-3610	.900 (22.86)	.995 (25.27)																
11	22			71973-3411	71973-3511	71973-3611	1.000 (25.40)	1.095 (27.81)																
12	24			71973-3412	71973-3512	71973-3612	1.100 (27.94)	1.195 (30.35)																
13	26			71973-3413	71973-3513	71973-3613	1.200 (30.48)	1.295 (32.89)																
14	28			71973-3414	71973-3514	71973-3614	1.300 (33.02)	1.395 (35.43)																
15	30			71973-3415	71973-3515	71973-3615	1.400 (35.56)	1.495 (37.97)																
16	32			71973-3416	71973-3516	71973-3616	1.500 (38.10)	1.595 (40.51)																
17	34			71973-3417	71973-3517	71973-3617	1.600 (40.64)	1.695 (43.05)																
18	36			71973-3418	71973-3518	71973-3618	1.700 (43.18)	1.795 (45.59)																
19	38			71973-3419	71973-3519	71973-3619	1.800 (45.72)	1.895 (48.13)																
20	40			71973-3420	71973-3520	71973-3620	1.900 (48.26)	1.995 (50.67)																
21	42			71973-3421	71973-3521	71973-3621	2.000 (50.80)	2.095 (53.21)																
22	44			71973-3422	71973-3522	71973-3622	2.100 (53.34)	2.195 (55.75)																
23	46			71973-3423	71973-3523	71973-3623	2.200 (55.88)	2.295 (58.29)																
24	48			71973-3424	71973-3524	71973-3624	2.300 (58.42)	2.395 (60.83)																
25	50			71973-3425	71973-3525	71973-3625	2.400 (60.96)	2.495 (63.37)																
26	52			71973-3426	71973-3526	71973-3626	2.500 (63.50)	2.595 (65.91)																
27	54			71973-3427	71973-3527	71973-3627	2.600 (66.04)	2.695 (68.45)																
28	56			71973-3428	71973-3528	71973-3628	2.700 (68.58)	2.795 (70.99)																
29	58			71973-3429	71973-3529	71973-3629	2.800 (71.12)	2.895 (73.53)																
30	60			71973-3430	71973-3530	71973-3630	2.900 (73.66)	2.995 (76.07)																
31	62			71973-3431	71973-3531	71973-3631	3.000 (76.20)	3.095 (78.61)																
32	64			71973-3432	71973-3532	71973-3632	3.100 (78.74)	3.195 (81.15)																
33	66			71973-3433	71973-3533	71973-3633	3.200 (81.28)	3.295 (83.69)																
*X" INDICATES TOOLING IS NOT AVAILABLE							ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				QUALITY SYMBOLS F _A =0 F _G =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION			
															IN/MM		NTS		INCH					
													mm		INCH		DRAWN BY		DATE				TITLE	
													4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		DJB		1991/10/21				EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID	
													2 PLACES ± 0.25 ± ---		1 PLACE ± --- ± ---		DJB		1991/10/21				MOLEX INCORPORATED	
ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY		DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.												
SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MLONG		2010/01/14		SEE TABLE		SDA-71973-****		16 OF 26										
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1						

10		9		8		7		6		5		4		3		2		1						
NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				
PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			D	PER ROW	TOTAL			15 GOLD	30 GOLD	50 GOLD	A	B			D	
4	8			71973-4204	71973-4304	71973-4404	.300 (7.62)	.395 (10.03)			.658 (16.71)	34	68			71973-4234	71973-4334	71973-4434	3.300 (83.82)	3.395 (86.23)			3.658 (92.91)	
5	10			71973-4205	71973-4305	71973-4405	.400 (10.16)	.495 (12.57)			.758 (19.25)	35	70			71973-4235	71973-4335	71973-4435	3.400 (86.36)	3.495 (88.77)			3.758 (95.45)	
6	12			71973-4206	71973-4306	71973-4406	.500 (12.70)	.595 (15.11)			.858 (21.79)	36	72			71973-4236	71973-4336	71973-4436	3.500 (88.90)	3.595 (91.31)			3.858 (97.99)	
7	14			71973-4207	71973-4307	71973-4407	.600 (15.24)	.695 (17.65)			.958 (24.33)													
8	16			71973-4208	71973-4308	71973-4408	.700 (17.78)	.795 (20.19)			1.058 (26.87)													
9	18			71973-4209	71973-4309	71973-4409	.800 (20.32)	.895 (22.73)			1.158 (29.41)													
10	20			71973-4210	71973-4310	71973-4410	.900 (22.86)	.995 (25.27)			1.258 (31.95)													
11	22			71973-4211	71973-4311	71973-4411	1.000 (25.40)	1.095 (27.81)			1.358 (34.49)													
12	24			71973-4212	71973-4312	71973-4412	1.100 (27.94)	1.195 (30.35)			1.458 (37.03)													
13	26			71973-4213	71973-4313	71973-4413	1.200 (30.48)	1.295 (32.89)			1.558 (39.57)													
14	28			71973-4214	71973-4314	71973-4414	1.300 (33.02)	1.395 (35.43)			1.658 (42.11)													
15	30			71973-4215	71973-4315	71973-4415	1.400 (35.56)	1.495 (37.97)			1.758 (44.65)													
16	32			71973-4216	71973-4316	71973-4416	1.500 (38.10)	1.595 (40.51)			1.858 (47.19)													
17	34			71973-4217	71973-4317	71973-4417	1.600 (40.64)	1.695 (43.05)			1.958 (49.73)													
18	36			71973-4218	71973-4318	71973-4418	1.700 (43.18)	1.795 (45.59)			2.058 (52.27)													
19	38			71973-4219	71973-4319	71973-4419	1.800 (45.72)	1.895 (48.13)			2.158 (54.81)													
20	40			71973-4220	71973-4320	71973-4420	1.900 (48.26)	1.995 (50.67)			2.258 (57.35)													
21	42			71973-4221	71973-4321	71973-4421	2.000 (50.80)	2.095 (53.21)			2.358 (59.89)													
22	44			71973-4222	71973-4322	71973-4422	2.100 (53.34)	2.195 (55.75)			2.458 (62.43)													
23	46			71973-4223	71973-4323	71973-4423	2.200 (55.88)	2.295 (58.29)			2.558 (64.97)													
24	48			71973-4224	71973-4324	71973-4424	2.300 (58.42)	2.395 (60.83)			2.658 (67.51)													
25	50			71973-4225	71973-4325	71973-4425	2.400 (60.96)	2.495 (63.37)			2.758 (70.05)													
26	52			71973-4226	71973-4326	71973-4426	2.500 (63.50)	2.595 (65.91)			2.858 (72.59)													
27	54			71973-4227	71973-4327	71973-4427	2.600 (66.04)	2.695 (68.45)			2.958 (75.13)													
28	56			71973-4228	71973-4328	71973-4428	2.700 (68.58)	2.795 (70.99)			3.058 (77.67)													
29	58			71973-4229	71973-4329	71973-4429	2.800 (71.12)	2.895 (73.53)			3.158 (80.21)													
30	60			71973-4230	71973-4330	71973-4430	2.900 (73.66)	2.995 (76.07)			3.258 (82.75)													
31	62			71973-4231	71973-4331	71973-4431	3.000 (76.20)	3.095 (78.61)			3.358 (85.29)													
32	64			71973-4232	71973-4332	71973-4432	3.100 (78.74)	3.195 (81.15)			3.458 (87.83)													
33	66			71973-4233	71973-4333	71973-4433	3.200 (81.28)	3.295 (83.69)			3.558 (90.37)													
X INDICATES TOOLING IS NOT AVAILABLE.							ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS F _A =0 F _B =0 F _P =0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION					
X INDICATES TOOLING IS NOT AVAILABLE.							K		REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		DOCUMENT NO.		SDA-71973-****		SHEET NO. 17 OF 26					
fb_frame_A3_P_AM_T Rev. F 2009/06/18							9		8		7		6		5		4		3		2		1	

10										9					8					7					6					5					4					3					2					1										
NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)															DIMENSION					NO. OF CKTS		OPTION E ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)															DIMENSION																					
PER ROW	TOTAL						15 GOLD					30 GOLD					50 GOLD					A	B						PER ROW	TOTAL						15 GOLD					30 GOLD					50 GOLD					A	B								
4	8						71973-8204					71973-8304					71973-8404					.300 (7.62)	.395 (10.03)						34	68						71973-8234					71973-8334					71973-8434					3.300 (83.82)	3.395 (86.23)								
5	10						71973-8205					71973-8305					71973-8405					.400 (10.16)	.495 (12.57)						35	70						71973-8235					71973-8335					71973-8435					3.400 (86.36)	3.495 (88.77)								
6	12						71973-8206					71973-8306					71973-8406					.500 (12.70)	.595 (15.11)						36	72						71973-8236					71973-8336					71973-8436					3.500 (88.90)	3.595 (91.31)								
7	14						71973-8207					71973-8307					71973-8407					.600 (15.24)	.695 (17.65)																																					
8	16						71973-8208					71973-8308					71973-8408					.700 (17.78)	.795 (20.19)																																					
9	18						71973-8209					71973-8309					71973-8409					.800 (20.32)	.895 (22.73)																																					
10	20						71973-8210					71973-8310					71973-8410					.900 (22.86)	.995 (25.27)																																					
11	22						71973-8211					71973-8311					71973-8411					1.000 (25.40)	1.095 (27.81)																																					
12	24						71973-8212					71973-8312					71973-8412					1.100 (27.94)	1.195 (30.35)																																					
13	26						71973-8213					71973-8313					71973-8413					1.200 (30.48)	1.295 (32.89)																																					
14	28						71973-8214					71973-8314					71973-8414					1.300 (33.02)	1.395 (35.43)																																					
15	30						71973-8215					71973-8315					71973-8415					1.400 (35.56)	1.495 (37.97)																																					
16	32						71973-8216					71973-8316					71973-8416					1.500 (38.10)	1.595 (40.51)																																					
17	34						71973-8217					71973-8317					71973-8417					1.600 (40.64)	1.695 (43.05)																																					
18	36						71973-8218					71973-8318					71973-8418					1.700 (43.18)	1.795 (45.59)																																					
19	38						71973-8219					71973-8319					71973-8419					1.800 (45.72)	1.895 (48.13)																																					
20	40						71973-8220					71973-8320					71973-8420					1.900 (48.26)	1.995 (50.67)																																					
21	42						71973-8221					71973-8321					71973-8421					2.000 (50.80)	2.095 (53.21)																																					
22	44						71973-8222					71973-8322					71973-8422					2.100 (53.34)	2.195 (55.75)																																					
23	46						71973-8223					71973-8323					71973-8423					2.200 (55.88)	2.295 (58.29)																																					
24	48						71973-8224					71973-8324					71973-8424					2.300 (58.42)	2.395 (60.83)																																					
25	50						71973-8225					71973-8325					71973-8425					2.400 (60.96)	2.495 (63.37)																																					
26	52						71973-8226					71973-8326					71973-8426					2.500 (63.50)	2.595 (65.91)																																					
27	54						71973-8227					71973-8327					71973-8427					2.600 (66.04)	2.695 (68.45)																																					
28	56						71973-8228					71973-8328					71973-8428					2.700 (68.58)	2.795 (70.99)																																					
29	58						71973-8229					71973-8329					71973-8429					2.800 (71.12)	2.895 (73.53)																																					
30	60						71973-8230					71973-8330					71973-8430					2.900 (73.66)	2.995 (76.07)																																					
31	62						71973-8231					71973-8331					71973-8431					3.000 (76.20)	3.095 (78.61)																																					
32	64						71973-8232					71973-8332					71973-8432					3.100 (78.74)	3.195 (81.15)																																					
33	66						71973-8233					71973-8333					71973-8433					3.200 (81.28)	3.295 (83.69)																																					
X INDICATES TOOLING IS NOT AVAILABLE.															ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14					QUALITY SYMBOLS F=0 F=0 F=0					GENERAL TOLERANCES (UNLESS SPECIFIED)					DIMENSION STYLE IN/MM					SCALE NTS					DESIGN UNITS INCH					THIRD ANGLE PROJECTION															
																									mm					INCH					DRAWN BY DATE DJB 1991/10/21					TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID																				
																									4 PLACES ± --- ± ---					3 PLACES ± --- ± .010					2 PLACES ± 0.25 ± ---					1 PLACE ± --- ± ---										APPROVED BY DATE DJB 1991/10/21					MOLEX INCORPORATED					
																									ANGULAR ±1/2°					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					MATERIAL NO. SEE TABLE					DOCUMENT NO. SDA-71973-****										SHEET NO. 18 OF 26										
fb_frame_A3_P_AM.T Rev. F 2009/06/18															9					8					7					6					5					4					3					2					1					

tb_frame_A3_P_AM_T
Rev. F 2009/06/18

10										9										7										6										5										4										3										2										1																																																											
NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																									
PER ROW										TOTAL										A										B										PER ROW										TOTAL										A										B																																																																					
4										8										X 71973-5004										X 71973-5104										X 71973-5204										.300 (7.62)										.395 (10.03)										32										64										X 71973-5032										X 71973-5132										X 71973-5232										3.100 (78.74)										3.195 (81.15)									
5										10										X 71973-5005										X 71973-5105										X 71973-5205										.400 (10.16)										.495 (12.57)										33										66										X 71973-5033										X 71973-5133										X 71973-5233										3.200 (81.28)										3.295 (83.69)									
6										12										X 71973-5006										X 71973-5106										X 71973-5206										.500 (12.70)										.595 (15.11)										34										68										X 71973-5034										X 71973-5134										X 71973-5234										3.300 (83.82)										3.395 (86.23)									
7										14										X 71973-5007										X 71973-5107										X 71973-5207										.600 (15.24)										.695 (17.65)										35										70										X 71973-5035										X 71973-5135										X 71973-5235										3.400 (86.36)										3.495 (88.77)									
8										16										X 71973-5008										X 71973-5108										X 71973-5208										.700 (17.78)										.795 (20.19)										36										72										X 71973-5036										X 71973-5136										X 71973-5236										3.500 (88.90)										3.595 (91.31)									
9										18										X 71973-5009										X 71973-5109										X 71973-5209										.800 (20.32)										.895 (22.73)																																																																															
E										10										X 71973-5010										X 71973-5110										X 71973-5210										.900 (22.86)										.995 (25.27)																																																																															
										11										X 71973-5011										X 71973-5111										X 71973-5211										1.000 (25.40)										1.095 (27.81)																																																																															
										12										X 71973-5012										X 71973-5112										X 71973-5212										1.100 (27.94)										1.195 (30.35)																																																																															
										13										X 71973-5013										X 71973-5113										X 71973-5213										1.200 (30.48)										1.295 (32.89)																																																																															
										14										X 71973-5014										X 71973-5114										X 71973-5214										1.300 (33.02)										1.395 (35.43)																																																																															
										15										X 71973-5015										X 71973-5115										X 71973-5215										1.400 (35.56)										1.495 (37.97)																																																																															
D										16										X 71973-5016										X 71973-5116										X 71973-5216										1.500 (38.10)										1.595 (40.51)																																																																															
										17										X 71973-5017										X 71973-5117										X 71973-5217										1.600 (40.64)										1.695 (43.05)																																																																															
										18										X 71973-5018										X 71973-5118										X 71973-5218										1.700 (43.18)										1.795 (45.59)																																																																															
										19										X 71973-5019										X 71973-5119										X 71973-5219										1.800 (45.72)										1.895 (48.13)																																																																															
										20										X 71973-5020										X 71973-5120										X 71973-5220										1.900 (48.26)										1.995 (50.67)																																																																															
										21										X 71973-5021										X 71973-5121										X 71973-5221										2.000 (50.80)										2.095 (53.21)																																																																															
										22										X 71973-5022										X 71973-5122										X 71973-5222										2.100 (53.34)										2.195 (55.75)																																																																															
C										23										X 71973-5023										X 71973-5123										X 71973-5223										2.200 (55.88)										2.295 (58.29)																																																																															
										24										X 71973-5024										X 71973-5124										X 71973-5224										2.300 (58.42)										2.395 (60.83)																																																																															
										25										X 71973-5025										X 71973-5125										X 71973-5225										2.400 (60.96)										2.495 (63.37)																																																																															
										26										X 71973-5026										X 71973-5126										X 71973-5226										2.500 (63.50)										2.595 (65.91)																																																																															
										27										X 71973-5027										X 71973-5127										X 71973-5227										2.600 (66.04)										2.695 (68.45)																																																																															
										28										X 71973-5028										X 71973-5128										X 71973-5228										2.700 (68.58)										2.795 (70.99)																																																																															
B										29										X 71973-5029										X 71973-5129										X 71973-5229										2.800 (71.12)										2.895 (73.53)																																																																															
										30										X 71973-5030										X 71973-5130										X 71973-5230										2.900 (73.66)										2.995 (76.07)																																																																															
										31										X 71973-5031										X 71973-5131										X 71973-5231										3.000 (76.20)										3.095 (78.61)																																																																															
"X" INDICATES TOOLING IS NOT AVAILABLE.										ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14										QUALITY SYMBOLS F _A =0 F _B =0 F _P =0										GENERAL TOLERANCES (UNLESS SPECIFIED)										DIMENSION STYLE IN/MM										SCALE NTS										DESIGN UNITS INCH										THIRD ANGLE PROJECTION																																																																					
																														4 PLACES ± --- ± ---										DRAWN BY DATE DJB 1991/10/21										EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED																																																																																									
																														3 PLACES ± --- ± .010										CHECKED BY DATE DJB 1991/10/21																																																																																																			
																														2 PLACES ± 0.25 ± ---										APPROVED BY DATE MLONG 2010/01/14																				MATERIAL NO. SEE TABLE										DOCUMENT NO. SDA-71973-****										SHEET NO. 20 OF 26																																																											
A										DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										SIZE A3										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																													
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9										8										7										6										5										4										3										2										1																																																	

10		9		8		7		6		5		4		3		2		1										
F	NO. OF CKTS		OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS	OPTION H ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				F				
	PER ROW	TOTAL			15 GOLD		30 GOLD		50 GOLD		A	B			D			15 GOLD	30 GOLD	50 GOLD	A	B			D			
4	8			X	71973-5804	X	71973-5904	X	71973-6004	.300 (7.62)	.395 (10.03)		.658 (16.71)	31	62			X	71973-5831	X	71973-5931	X	71973-6031	3.000 (76.20)	3.095 (78.61)		3.358 (85.29)	
5	10			X	71973-5805	X	71973-5905	X	71973-6005	.400 (10.16)	.495 (12.57)		.758 (19.25)	32	64			X	71973-5832	X	71973-5932	X	71973-6032	3.100 (78.74)	3.195 (81.15)		3.458 (87.83)	
6	12			X	71973-5806	X	71973-5906	X	71973-6006	.500 (12.70)	.595 (15.11)		.858 (21.79)	33	66			X	71973-5833	X	71973-5933	X	71973-6033	3.200 (81.28)	3.295 (83.69)		3.558 (90.37)	
E	7	14			X	71973-5807	X	71973-5907	X	71973-6007	.600 (15.24)	.695 (17.65)		.958 (24.33)	34	68			X	71973-5834	X	71973-5934	X	71973-6034	3.300 (83.82)	3.395 (86.23)		3.658 (92.91)
	8	16			X	71973-5808	X	71973-5908	X	71973-6008	.700 (17.78)	.795 (20.19)		1.058 (26.87)	35	70			X	71973-5835	X	71973-5935	X	71973-6035	3.400 (86.36)	3.495 (88.77)		3.758 (95.45)
	9	18			X	71973-5809	X	71973-5909	X	71973-6009	.800 (20.32)	.895 (22.73)		1.158 (29.41)	36	72			X	71973-5836	X	71973-5936	X	71973-6036	3.500 (88.90)	3.595 (91.31)		3.858 (97.99)
D	10	20			X	71973-5810	X	71973-5910	X	71973-6010	.900 (22.86)	.995 (25.27)		1.258 (31.95)														E
	11	22			X	71973-5811	X	71973-5911	X	71973-6011	1.000 (25.40)	1.095 (27.81)		1.358 (34.49)														
	12	24			X	71973-5812	X	71973-5912	X	71973-6012	1.100 (27.94)	1.195 (30.35)		1.458 (37.03)														
C	13	26			X	71973-5813	X	71973-5913	X	71973-6013	1.200 (30.48)	1.295 (32.89)		1.558 (39.57)														
	14	28			X	71973-5814	X	71973-5914	X	71973-6014	1.300 (33.02)	1.395 (35.43)		1.658 (42.11)														
	15	30			X	71973-5815	X	71973-5915	X	71973-6015	1.400 (35.56)	1.495 (37.97)		1.758 (44.65)														
B	16	32			X	71973-5816	X	71973-5916	X	71973-6016	1.500 (38.10)	1.595 (40.51)		1.858 (47.19)														
	17	34			X	71973-5817	X	71973-5917	X	71973-6017	1.600 (40.64)	1.695 (43.05)		1.958 (49.73)														
	18	36			X	71973-5818	X	71973-5918	X	71973-6018	1.700 (43.18)	1.795 (45.59)		2.058 (52.27)														
A	19	38			X	71973-5819	X	71973-5919	X	71973-6019	1.800 (45.72)	1.895 (48.13)		2.158 (54.81)														
	20	40			X	71973-5820	X	71973-5920	X	71973-6020	1.900 (48.26)	1.995 (50.67)		2.258 (57.35)														
	21	42			X	71973-5821	X	71973-5921	X	71973-6021	2.000 (50.80)	2.095 (53.21)		2.358 (59.89)														
	22	44			X	71973-5822	X	71973-5922	X	71973-6022	2.100 (53.34)	2.195 (55.75)		2.458 (62.43)														
	23	46			X	71973-5823	X	71973-5923	X	71973-6023	2.200 (55.88)	2.295 (58.29)		2.558 (64.97)														
	24	48			X	71973-5824	X	71973-5924	X	71973-6024	2.300 (58.42)	2.395 (60.83)		2.658 (67.51)														
	25	50			X	71973-5825	X	71973-5925	X	71973-6025	2.400 (60.96)	2.495 (63.37)		2.758 (70.05)														
	26	52			X	71973-5826	X	71973-5926	X	71973-6026	2.500 (63.50)	2.595 (65.91)		2.858 (72.59)														
	27	54			X	71973-5827	X	71973-5927	X	71973-6027	2.600 (66.04)	2.695 (68.45)		2.958 (75.13)														
B	28	56			X	71973-5828	X	71973-5928	X	71973-6028	2.700 (68.58)	2.795 (70.99)		3.058 (77.67)														
	29	58			X	71973-5829	X	71973-5929	X	71973-6029	2.800 (71.12)	2.895 (73.53)		3.158 (80.21)														
	30	60			X	71973-5830	X	71973-5930	X	71973-6030	2.900 (73.66)	2.995 (76.07)		3.258 (82.75)														

X INDICATES TOOLING IS NOT AVAILABLE.

ADD OPTION K & L
EC NO: S2010-0534
2009/12/30
DRWN:SKANG
CHKD:ATSEE
2010/01/08
APPR:MLONG
2010/01/14

QUALITY SYMBOLS
F_A=0
F_G=0
F_P=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± ---
1 PLACE ± --- ± ---
ANGULAR ± 1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY DATE
DJB 1991/10/21
CHECKED BY DATE
DJB 1991/10/21
APPROVED BY DATE
MLONG 2010/01/14
MATERIAL NO.
SEE TABLE
SIZE A3

SCALE
NTS
DESIGN UNITS
INCH
THIRD ANGLE PROJECTION
TITLE
EARLY ENTRY R/A RECPT
.120"PC TAIL W/O LOWER
ROW PINSTOP-.100" GRID
MOLEX INCORPORATED
DOCUMENT NO.
SDA-71973-****
SHEET NO.
21 OF 26
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

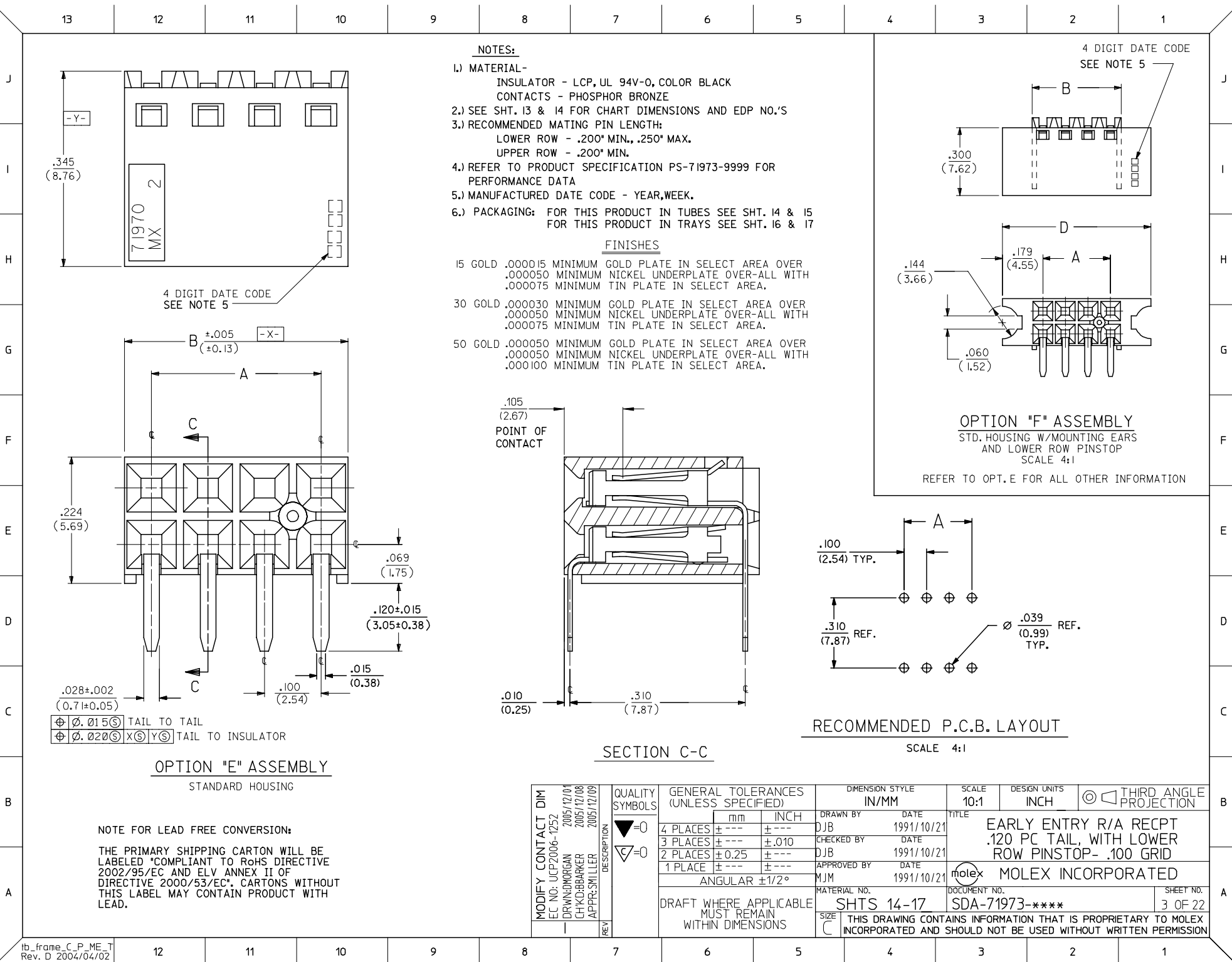
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NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION										NO. OF CKTS										OPTION G ASSEMBLY PACKAGED IN TRAYS PER PK-70873-0239 (SEE SHEET I FOR FINISH SPECIFICATIONS)										DIMENSION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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4										8										15 GOLD										30 GOLD										50 GOLD										34										68										15 GOLD										30 GOLD										50 GOLD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
5										10										71973-9004										71973-9104										71973-9204										71973-9005										71973-9105										71973-9205										71973-9034										71973-9134										71973-9234																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6										12										.300 (7.62)										.395 (10.03)										.400 (10.16)										.495 (12.57)										.500 (12.70)										.595 (15.11)										.600 (15.24)										.695 (17.65)										.700 (17.78)										.795 (20.19)										.800 (20.32)										.895 (22.73)										.900 (22.86)										.995 (25.27)										1.000 (25.40)										1.095 (27.81)										1.100 (27.94)										1.195 (30.35)										1.200 (30.48)										1.295 (32.89)										1.300 (33.02)										1.395 (35.43)										1.400 (35.56)										1.495 (37.97)										1.500 (38.10)										1.595 (40.51)										1.600 (40.64)										1.695 (43.05)										1.700 (43.18)										1.795 (45.59)										1.800 (45.72)										1.895 (48.13)										1.900 (48.26)										1.995 (50.67)										2.000 (50.80)										2.095 (53.21)										2.100 (53.34)										2.195 (55.75)										2.200 (55.88)										2.295 (58.29)										2.300 (58.42)										2.395 (60.83)										2.400 (60.96)										2.495 (63.37)										2.500 (63.50)										2.595 (65.91)										2.600 (66.04)										2.695 (68.45)										2.700 (68.58)										2.795 (70.99)										2.800 (71.12)										2.895 (73.53)										2.900 (73.66)										2.995 (76.07)										3.000 (76.20)										3.095 (78.61)										3.100 (78.74)										3.195 (81.15)										3.200 (81.28)										3.295 (83.69)										3.300 (83.82)										3.395 (86.23)										3.400 (86.36)										3.495 (88.77)										3.500 (88.90)										3.595 (91.31)																																																																																																																																																																																																																																																																																																																																																																																											
7										14										71973-9007										71973-9107										71973-9207										71973-9008										71973-9108										71973-9208										71973-9009										71973-9109										71973-9209										71973-9010										71973-9110										71973-9210										71973-9011										71973-9111										71973-9211										71973-9012										71973-9112										71973-9212										71973-9013										71973-9113										71973-9213										71973-9014										71973-9114										71973-9214										71973-9015										71973-9115										71973-9215										71973-9016										71973-9116										71973-9216										71973-9017										71973-9117										71973-9217										71973-9018										71973-9118										71973-9218										71973-9019										71973-9119										71973-9219										71973-9020										71973-9120										71973-9220										71973-9021										71973-9121										71973-9221										71973-9022										71973-9122										71973-9222										71973-9023										71973-9123										71973-9223										71973-9024										71973-9124										71973-9224										71973-9025										71973-9125										71973-9225										71973-9026										71973-9126										71973-9226										71973-9027										71973-9127										71973-9227										71973-9028										71973-9128										71973-9228										71973-9029										71973-9129										71973-9229										71973-9030										71973-9130										71973-9230										71973-9031										71973-9131										71973-9231										71973-9032										71973-9132										71973-9232										71973-9033										71973-9133										71973-9233										71973-9034										71973-9134										71973-9234										71973-9035										71973-9135										71973-9235										71973-9036										71973-9136										71973-9236										71973-9037										71973-9137										71973-9237										71973-9038										71973-9138										71973-9238										71973-9039										71973-9139										71973-9239										71973-9040										71973-9140										71973-9240										71973-9041									

[illegible]

10				9				8				7				6				5				4				3				2				1			
NO. OF CKTS				OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)												DIMENSION				NO. OF CKTS				OPTION I ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)												DIMENSION			
PER ROW		TOTAL				I5 GOLD		30 GOLD		50 GOLD		A		B		C		D		PER ROW		TOTAL				I5 GOLD		30 GOLD		50 GOLD		A		B		C		D	
4		8				71973-9704		71973-9804		71973-9904		.300 (7.62)		.395 (10.03)		.200 (5.08)		.658 (16.71)		34		68				71973-9734		71973-9834		71973-9934		3.300 (83.82)		3.395 (86.23)		3.200 (81.28)		3.658 (92.91)	
5		10				71973-9705		71973-9805		71973-9905		.400 (10.16)		.495 (12.57)		.300 (7.62)		.758 (19.25)		35		70				71973-9735		71973-9835		71973-9935		3.400 (86.36)		3.495 (88.77)		3.300 (83.82)		3.758 (95.45)	
6		12				71973-9706		71973-9806		71973-9906		.500 (12.70)		.595 (15.11)		.400 (10.16)		.858 (21.79)		36		72				71973-9736		71973-9836		71973-9936		3.500 (88.90)		3.595 (91.31)		3.400 (86.36)		3.858 (97.99)	
7		14				71973-9707		71973-9807		71973-9907		.600 (15.24)		.695 (17.65)		.500 (12.70)		.958 (24.33)																					
8		16				71973-9708		71973-9808		71973-9908		.700 (17.78)		.795 (20.19)		.600 (15.24)		1.058 (26.87)																					
9		18				71973-9709		71973-9809		71973-9909		.800 (20.32)		.895 (22.73)		.700 (17.78)		1.158 (29.41)																					
10		20				71973-9710		71973-9810		71973-9910		.900 (22.86)		.995 (25.27)		.800 (20.32)		1.258 (31.95)																					
11		22				71973-9711		71973-9811		71973-9911		1.000 (25.40)		1.095 (27.81)		.900 (22.86)		1.358 (34.49)																					
12		24				71973-9712		71973-9812		71973-9912		1.100 (27.94)		1.195 (30.35)		1.000 (25.40)		1.458 (37.03)																					
13		26				71973-9713		71973-9813		71973-9913		1.200 (30.48)		1.295 (32.89)		1.100 (27.94)		1.558 (39.57)																					
14		28				71973-9714		71973-9814		71973-9914		1.300 (33.02)		1.395 (35.43)		1.200 (30.48)		1.658 (42.11)																					
15		30				71973-9715		71973-9815		71973-9915		1.400 (35.56)		1.495 (37.97)		1.300 (33.02)		1.758 (44.65)																					
16		32				71973-9716		71973-9816		71973-9916		1.500 (38.10)		1.595 (40.51)		1.400 (35.56)		1.858 (47.19)																					
17		34				71973-9717		71973-9817		71973-9917		1.600 (40.64)		1.695 (43.05)		1.500 (38.10)		1.958 (49.73)																					
18		36				71973-9718		71973-9818		71973-9918		1.700 (43.18)		1.795 (45.59)		1.600 (40.64)		2.058 (52.27)																					
19		38				71973-9719		71973-9819		71973-9919		1.800 (45.72)		1.895 (48.13)		1.700 (43.18)		2.158 (54.81)																					
20		40				71973-9720		71973-9820		71973-9920		1.900 (48.26)		1.995 (50.67)		1.800 (45.72)		2.258 (57.35)																					
21		42				71973-9721		71973-9821		71973-9921		2.000 (50.80)		2.095 (53.21)		1.900 (48.26)		2.358 (59.89)																					
22		44				71973-9722		71973-9822		71973-9922		2.100 (53.34)		2.195 (55.75)		2.000 (50.80)		2.458 (62.43)																					
23		46				71973-9723		71973-9823		71973-9923		2.200 (55.88)		2.295 (58.29)		2.100 (53.34)		2.558 (64.97)																					
24		48				71973-9724		71973-9824		71973-9924		2.300 (58.42)		2.395 (60.83)		2.200 (55.88)		2.658 (67.51)																					
25		50				71973-9725		71973-9825		71973-9925		2.400 (60.96)		2.495 (63.37)		2.300 (58.42)		2.758 (70.05)																					
26		52				71973-9726		71973-9826		71973-9926		2.500 (63.50)		2.595 (65.91)		2.400 (60.96)		2.858 (72.59)																					
27		54				71973-9727		71973-9827		71973-9927		2.600 (66.04)		2.695 (68.45)		2.500 (63.50)		2.958 (75.13)																					
28		56				71973-9728		71973-9828		71973-9928		2.700 (68.58)		2.795 (70.99)		2.600 (66.04)		3.058 (77.67)																					
29		58				71973-9729		71973-9829		71973-9929		2.800 (71.12)		2.895 (73.53)		2.700 (68.58)		3.158 (80.21)																					
30		60				71973-9730		71973-9830		71973-9930		2.900 (73.66)		2.995 (76.07)		2.800 (71.12)		3.258 (82.75)																					
31		62				71973-9731		71973-9831		71973-9931		3.000 (76.20)		3.095 (78.61)		2.900 (73.66)		3.358 (85.29)																					
32		64				71973-9732		71973-9832		71973-9932		3.100 (78.74)		3.195 (81.15)		3.000 (76.20)		3.458 (87.83)																					
33		66				71973-9733		71973-9833		71973-9933		3.200 (81.28)		3.295 (83.69)		3.100 (78.74)		3.558 (90.37)																					
X INDICATES TOOLING IS NOT AVAILABLE												ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG 2009/12/30 CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14				DESCRIPTION REV		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE IN/MM				SCALE NTS		DESIGN UNITS INCH		THIRD ANGLE PROJECTION							
																				mm		INCH		DRAWN BY DATE		TITLE		CHECKED BY DATE											
																				4 PLACES ± --- ± ---		3 PLACES ± --- ± .010		DJB 1991/10/21		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID													
																				2 PLACES ± 0.25 ± ---		1 PLACE ± --- ± ---		DJB 1991/10/21		MOLEX INCORPORATED													
																				ANGULAR ±1/2°				APPROVED BY DATE				MATERIAL NO.		DOCUMENT NO.				SHEET NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												SIZE A3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
fb_frame_A3_P_AM_T Rev. F 2009/06/18				9				8				7				6				5				4				3				2				1			

10			9			8			7			6			5			4			3			2			1			
F	NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION						PER ROW	NO. OF CKTS		OPTION K ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION						F
	TOTAL																													
	4	8				71973-6204		71973-6304		71973-6404		.300 (7.62)	.395 (10.03)					71973-6232		71973-6332		71973-6432		3.100 (78.74)	3.195 (81.15)					
	5	10				71973-6205		71973-6305		71973-6405		.400 (10.16)	.495 (12.57)					71973-6233		71973-6333		71973-6433		3.200 (81.28)	3.295 (83.69)					
	6	12				71973-6206		71973-6306		71973-6406		.500 (12.70)	.595 (15.11)					71973-6234		71973-6334		71973-6434		3.300 (83.82)	3.395 (86.23)					
	7	14				71973-6207		71973-6307		71973-6407		.600 (15.24)	.695 (17.65)					71973-6235		71973-6335		71973-6435		3.400 (86.36)	3.495 (88.77)					
	8	16				71973-6208		71973-6308		71973-6408		.700 (17.78)	.795 (20.19)					71973-6236		71973-6336		71973-6436		3.500 (88.90)	3.595 (91.31)					
E	9	18				71973-6209		71973-6309		71973-6409		.800 (20.32)	.895 (22.73)																	
	10	20				71973-6210		71973-6310		71973-6410		.900 (22.86)	.995 (25.27)																	
	11	22				71973-6211		71973-6311		71973-6411		1.000 (25.40)	1.095 (27.81)																	
	12	24				71973-6212		71973-6312		71973-6412		1.100 (27.94)	1.195 (30.35)																	
	13	26				71973-6213		71973-6313		71973-6413		1.200 (30.48)	1.295 (32.89)																	
D	14	28				71973-6214		71973-6314		71973-6414		1.300 (33.02)	1.395 (35.43)																	
	15	30				71973-6215		71973-6315		71973-6415		1.400 (35.56)	1.495 (37.97)																	
	16	32				71973-6216		71973-6316		71973-6416		1.500 (38.10)	1.595 (40.51)																	
	17	34				71973-6217		71973-6317		71973-6417		1.600 (40.64)	1.695 (43.05)																	
	18	36				71973-6218		71973-6318		71973-6418		1.700 (43.18)	1.795 (45.59)																	
	19	38				71973-6219		71973-6319		71973-6419		1.800 (45.72)	1.895 (48.13)																	
C	20	40				71973-6220		71973-6320		71973-6420		1.900 (48.26)	1.995 (50.67)																	
	21	42				71973-6221		71973-6321		71973-6421		2.000 (50.80)	2.095 (53.21)																	
	22	44				71973-6222		71973-6322		71973-6422		2.100 (53.34)	2.195 (55.75)																	
	23	46				71973-6223		71973-6323		71973-6423		2.200 (55.88)	2.295 (58.29)																	
	24	48				71973-6224		71973-6324		71973-6424		2.300 (58.42)	2.395 (60.83)																	
	25	50				71973-6225		71973-6325		71973-6425		2.400 (60.96)	2.495 (63.37)																	
	26	52				71973-6226		71973-6326		71973-6426		2.500 (63.50)	2.595 (65.91)																	
B	27	54				71973-6227		71973-6327		71973-6427		2.600 (66.04)	2.695 (68.45)																	
	28	56				71973-6228		71973-6328		71973-6428		2.700 (68.58)	2.795 (70.99)																	
	29	58				71973-6229		71973-6329		71973-6429		2.800 (71.12)	2.895 (73.53)																	
	30	60				71973-6230		71973-6330		71973-6430		2.900 (73.66)	2.995 (76.07)																	
	31	62				71973-6231		71973-6331		71973-6431		3.000 (76.20)	3.095 (78.61)																	
X INDICATES TOOLING IS NOT AVAILABLE												ADD OPTION K & L EC NO: S2010-0534 DRWN:SKANG CHKD:ATSEE APPR:MLONG 2009/12/30 2010/01/08 2010/01/14		QUALITY SYMBOLS F=0 F=0 F=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE CHECKED BY DATE APPROVED BY DATE MATERIAL NO. SEE TABLE		SCALE NTS DESIGN UNITS INCH THIRD ANGLE PROJECTION		TITLE EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED		SHEET NO. 25 OF 26						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
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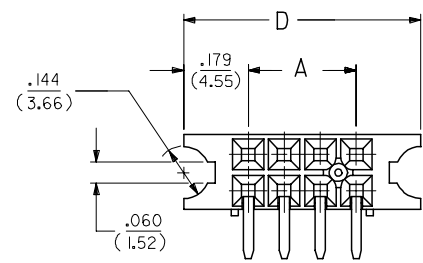
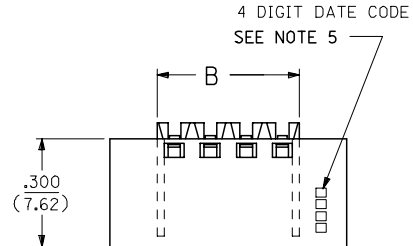
10										9						8						7						6						5						4						3						2						1																																																																																																																	
NO. OF CKTS										OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)																		DIMENSION																		NO. OF CKTS										OPTION L ASSEMBLY PACKAGED IN TUBES PER PK-70873-0138 (SEE SHEET I FOR FINISH SPECIFICATIONS)																		DIMENSION																																																																																																	
PER ROW TOTAL										15 GOLD 30 GOLD 50 GOLD																		A B																		PER ROW TOTAL										15 GOLD 30 GOLD 50 GOLD																		A B																																																																																																	
4 8										71973-5404 71973-5504 71973-5604																		.300 .395 (7.62) (10.03)																		31 62										71973-5431 71973-5531 71973-5631																		3.000 3.095 (76.20) (78.61)																																																																																																	
5 10										71973-5405 71973-5505 71973-5605																		.400 .495 (10.16) (12.57)																		32 64										71973-5432 71973-5532 71973-5632																		3.100 3.195 (78.74) (81.15)																																																																																																	
6 12										71973-5406 71973-5506 71973-5606																		.500 .595 (12.70) (15.11)																		33 66										71973-5433 71973-5533 71973-5633																		3.200 3.295 (81.28) (83.69)																																																																																																	
7 14										71973-5407 71973-5507 71973-5607																		.600 .695 (15.24) (17.65)																		34 68										71973-5434 71973-5534 71973-5634																		3.300 3.395 (83.82) (86.23)																																																																																																	
8 16										71973-5408 71973-5508 71973-5608																		.700 .795 (17.78) (20.19)																		35 70										71973-5435 71973-5535 71973-5635																		3.400 3.495 (86.36) (88.77)																																																																																																	
9 18										71973-5409 71973-5509 71973-5609																		.800 .895 (20.32) (22.73)																		36 72										71973-5436 71973-5536 71973-5636																		3.500 3.595 (88.90) (91.31)																																																																																																	
10 20										71973-5410 71973-5510 71973-5610																		.900 .995 (22.86) (25.27)																																																																																																																																															
11 22										71973-5411 71973-5511 71973-5611																		1.000 1.095 (25.40) (27.81)																																																																																																																																															
12 24										71973-5412 71973-5512 71973-5612																		1.100 1.195 (27.94) (30.35)																																																																																																																																															
13 26										71973-5413 71973-5513 71973-5613																		1.200 1.295 (30.48) (32.89)																																																																																																																																															
14 28										71973-5414 71973-5514 71973-5614																		1.300 1.395 (33.02) (35.43)																																																																																																																																															
15 30										71973-5415 71973-5515 71973-5615																		1.400 1.495 (35.56) (37.97)																																																																																																																																															
16 32										71973-5416 71973-5516 71973-5616																		1.500 1.595 (38.10) (40.51)																																																																																																																																															
17 34										71973-5417 71973-5517 71973-5617																		1.600 1.695 (40.64) (43.05)																																																																																																																																															
18 36										71973-5418 71973-5518 71973-5618																		1.700 1.795 (43.18) (45.59)																																																																																																																																															
19 38										71973-5419 71973-5519 71973-5619																		1.800 1.895 (45.72) (48.13)																																																																																																																																															
20 40										71973-5420 71973-5520 71973-5620																		1.900 1.995 (48.26) (50.67)																																																																																																																																															
21 42										71973-5421 71973-5521 71973-5621																		2.000 2.095 (50.80) (53.21)																																																																																																																																															
22 44										71973-5422 71973-5522 71973-5622																		2.100 2.195 (53.34) (55.75)																																																																																																																																															
23 46										71973-5423 71973-5523 71973-5623																		2.200 2.295 (55.88) (58.29)																																																																																																																																															
24 48										71973-5424 71973-5524 71973-5624																		2.300 2.395 (58.42) (60.83)																																																																																																																																															
25 50										71973-5425 71973-5525 71973-5625																		2.400 2.495 (60.96) (63.37)																																																																																																																																															
26 52										71973-5426 71973-5526 71973-5626																		2.500 2.595 (63.50) (65.91)																																																																																																																																															
27 54										71973-5427 71973-5527 71973-5627																		2.600 2.695 (66.04) (68.45)																																																																																																																																															
28 56										71973-5428 71973-5528 71973-5628																		2.700 2.795 (68.58) (70.99)																																																																																																																																															
29 58										71973-5429 71973-5529 71973-5629																		2.800 2.895 (71.12) (73.53)																																																																																																																																															
30 60										71973-5430 71973-5530 71973-5630																		2.900 2.995 (73.66) (76.07)																																																																																																																																															
"X" INDICATES TOOLING IS NOT AVAILABLE										ADD OPTION K & L EC NO: S2010-0534 2009/12/30 DRWN:SKANG CHKD:ATSEE 2010/01/08 APPR:MLONG 2010/01/14																		QUALITY SYMBOLS F _A =0 F _B =0 F _P =0																		GENERAL TOLERANCES (UNLESS SPECIFIED)																		DIMENSION STYLE IN/MM																		SCALE NTS																		DESIGN UNITS INCH																		THIRD ANGLE PROJECTION																																																					
																																														4 PLACES ± --- ± ---																		DRAWN BY DATE DJB 1991/10/21																		EARLY ENTRY R/A RECPT .120"PC TAIL W/O LOWER ROW PINSTOP-.100" GRID MOLEX INCORPORATED																		SHEET NO. 26 OF 26																																																																							
																																														3 PLACES ± --- ± .010																		CHECKED BY DATE DJB 1991/10/21																																																																																																											
2 PLACES ± 0.25 ± ---																		APPROVED BY DATE MLONG 2010/01/14																		MATERIAL NO.																		DOCUMENT NO.																																																																																																																					
1 PLACE ± --- ± ---																		ANGULAR ± 1/2°																		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																		SIZE A3																		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																			
tb_frame_A3_P_AM_T Rev. F 2009/06/18										9																		8																		7																		6																		5																		4																		3																		2																		1																	



- NOTES:**
- 1.) MATERIAL-
INSULATOR - LCP, UL 94V-O, COLOR BLACK
CONTACTS - PHOSPHOR BRONZE
 - 2.) SEE SHT. 13 & 14 FOR CHART DIMENSIONS AND EDP NO.'S
 - 3.) RECOMMENDED MATING PIN LENGTH:
LOWER ROW - .200" MIN., .250" MAX.
UPPER ROW - .200" MIN.
 - 4.) REFER TO PRODUCT SPECIFICATION PS-71973-9999 FOR PERFORMANCE DATA
 - 5.) MANUFACTURED DATE CODE - YEAR, WEEK.
 - 6.) PACKAGING: FOR THIS PRODUCT IN TUBES SEE SHT. 14 & 15
FOR THIS PRODUCT IN TRAYS SEE SHT. 16 & 17

FINISHES

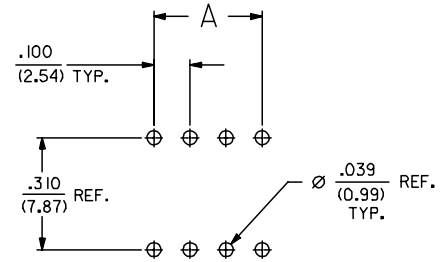
- 15 GOLD .000015 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 30 GOLD .000030 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000075 MINIMUM TIN PLATE IN SELECT AREA.
- 50 GOLD .000050 MINIMUM GOLD PLATE IN SELECT AREA OVER .000050 MINIMUM NICKEL UNDERPLATE OVER-ALL WITH .000100 MINIMUM TIN PLATE IN SELECT AREA.



OPTION "F" ASSEMBLY

STD. HOUSING W/MOUNTING EARS
AND LOWER ROW PINSTOP
SCALE 4:1

REFER TO OPT. E FOR ALL OTHER INFORMATION



RECOMMENDED P.C.B. LAYOUT

SCALE 4:1

OPTION "E" ASSEMBLY

STANDARD HOUSING

NOTE FOR LEAD FREE CONVERSION:
THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

SECTION C-C

MODIFY CONTACT DIM EC NO: UCP2006-1252 DRAWN: JORGAN 2005/12/01 CHKD: BARKER 2005/12/08 APPR: MILLER 2005/12/09	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2°	DIMENSION STYLE IN/MM DRAWN BY DATE DJB 1991/10/21 CHECKED BY DATE DJB 1991/10/21 APPROVED BY DATE MJM 1991/10/21 MATERIAL NO. SHTS 14-17	SCALE 10:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE EARLY ENTRY R/A REPT .120 PC TAIL, WITH LOWER ROW PINSTOP- .100 GRID MOLEX INCORPORATED	SHEET NO. 3 OF 22

13			12			11			10			9			8			7			6			5			4			3			2			1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
J	NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				NO. OF CKTS		OPTION F ASSEMBLY PACKAGED IN TUBES PER PK-70873-0139 (SEE SHEET I FOR FINISH SPECIFICATIONS)						DIMENSION				J																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	PER ROW	TOTAL				15 GOLD			30 GOLD			50 GOLD			A	B		D	PER ROW	TOTAL				15 GOLD			30 GOLD			50 GOLD			A	B		D																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

"X" INDICATES TOOLING IS NOT AVAILABLE.

REMOVE 74-130 CKT EC NO: UCP2007-0113 DRAWN: JORGAN 2006/08/07 CHKD: MS BARA 2006/08/16 APPR: SMILLER 2006/08/18 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH	IN/MM	---	INCH	
		4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		3 PLACES ± --- ± ---	CHECKED BY DATE			
		2 PLACES ± --- ± ---	APPROVED BY DATE			
		1 PLACE ± --- ± ---				
		ANGULAR ±1/2°	MATERIAL NO.			
			SIZE			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DOCUMENT NO.	SHEET NO.	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		