

10 9 8 7 6 5 4 3 2 1

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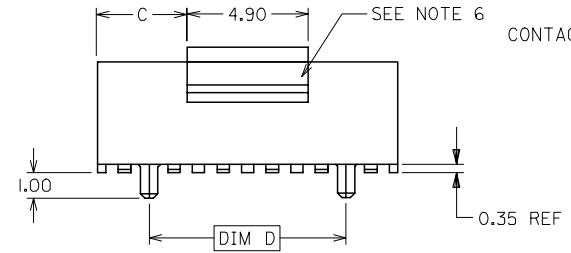
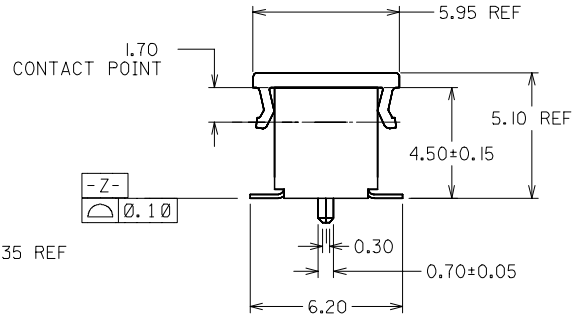
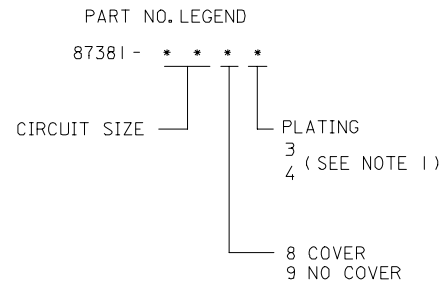
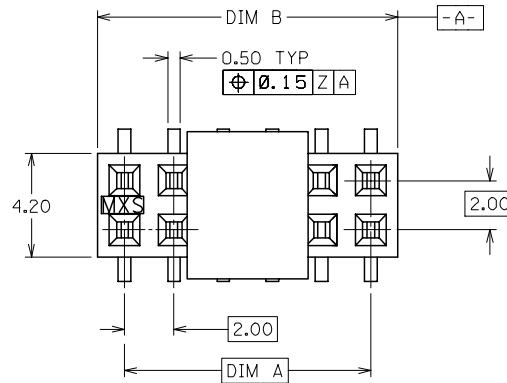
D

C

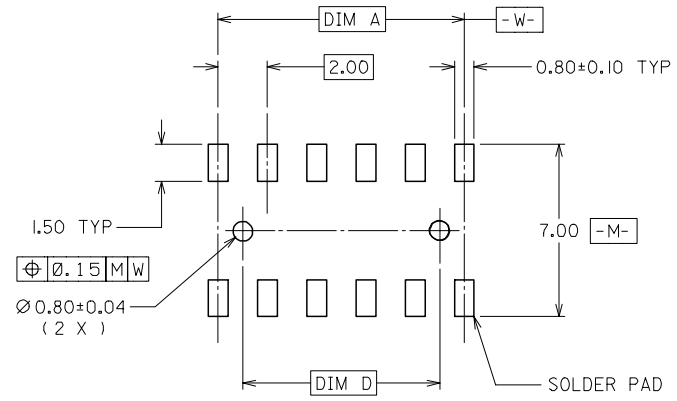
B

A

PART NUMBER (W/ CAP IN TUBE)	CKT. SIZE	DIM A	DIM B	DIM C	DIM D
87381-08**	8	6.00	8.00	1.55	4.00
87381-10**	10	8.00	10.00	2.55	6.00
87381-12**	12	10.00	12.00	3.55	8.00
87381-14**	14	12.00	14.00	4.55	10.00
87381-16**	16	14.00	16.00	5.55	12.00
87381-18**	18	16.00	18.00	6.55	14.00
87381-20**	20	18.00	20.00	7.55	16.00
87381-22**	22	20.00	22.00	8.55	18.00
87381-24**	24	22.00	24.00	9.55	20.00
87381-26**	26	24.00	26.00	10.55	22.00
87381-28**	28	26.00	28.00	11.55	24.00
87381-30**	30	28.00	30.00	12.55	26.00
87381-32**	32	30.00	32.00	13.55	28.00
87381-34**	34	32.00	34.00	14.55	30.00
87381-36**	36	34.00	36.00	15.55	32.00
87381-38**	38	36.00	38.00	16.55	34.00
87381-40**	40	38.00	40.00	17.55	36.00
87381-42**	42	40.00	42.00	18.55	38.00
87381-44**	44	42.00	44.00	19.55	40.00
87381-46**	46	44.00	46.00	20.55	42.00
87381-48**	48	46.00	48.00	21.55	44.00
87381-50**	50	48.00	50.00	22.55	46.00



- NOTES:
- PLATING FINISH :
 3 - 0.76um MIN. GOLD IN CONTACT AREA, 1.27um MIN. TIN
 IN SOLDER TAIL AREA BOTH OVER 1.27um MIN NBICKEL OVEALL
 4 - 0.38um MIN. GOLD IN CONTACT AREA 1.27um MIN. TIN
 IN SOLDER TAIL AREA BOTH OVER 1.27um MIN NBICKEL OVEALL
 - 12 CKT SIZE SHOWN FOR ILLUSTRATION ONLY. SEE CHART FOR ALL AVAILABLE PART SIZES
 - PRODUCT SPECIFICATION PS-87380 APPLIES
 - COPLANARITY OF SOLDER TAILS ARE TO BE MEASURED BY RESTING THE PART ON A FLAT GAUGE SURFACE
 - TUBE PACKAGING STANDARD
 - COVER IS OPTIONAL, SEE LEGEND.
 - PARTS SHALL BE PACKED IN MOISTURE BARRIER BAG.



RECOMMENDED PCB LAYOUT

ADD NOTE 7. EC NO: S2008-0281 DRWNS:KANG 2007/10/31 CHKD:ATSEE 2007/11/01 APPR:MLONG 2007/11/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY	DATE	TITLE	
D2			RSHAN	1998/03/10	MGRID 2MM RECEPTACLE 4.50MM HT.	
			CHECKED BY	DATE		
			SQUEK	1998/03/28		
			APPROVED BY	DATE		
			SKTOH	1998/03/28		
			MATERIAL NO.	DOCUMENT NO.		
			SEE TABLE		MOLEX INCORPORATED	
					SD-87381-***8*	
						SHEET NO. 1 OF 3

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

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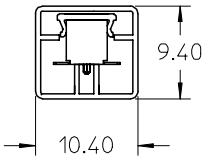
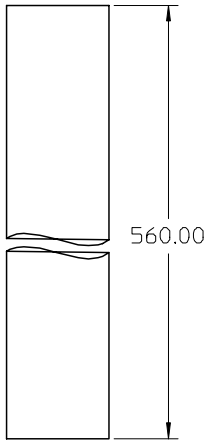
E

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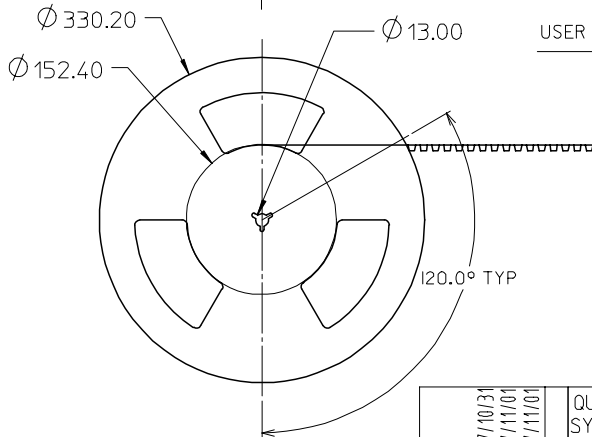
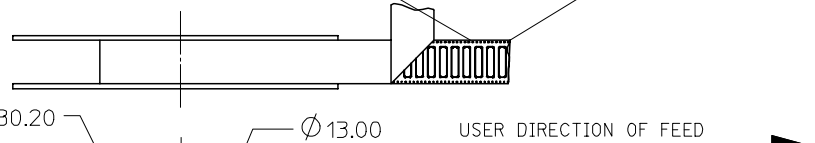
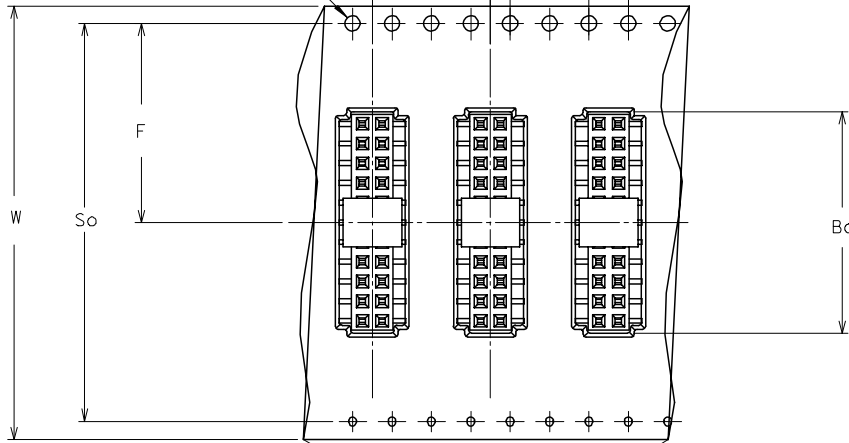
A



TUBE PACKAGING ORIENTATION
(SEE SHT 1 FOR PART NUMBER)

$\varnothing 1.50 \begin{matrix} +0.10 \\ 0 \end{matrix}$ (TYP)
(PILOT HOLE)

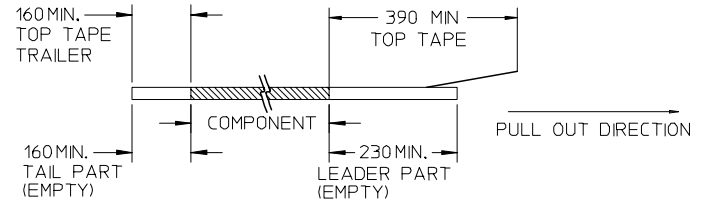
12.00
2.00
4.00



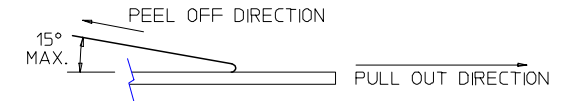
TAPE AND REEL ORIENTATION

NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = 800 PCS/REEL

ADD NOTE 7.	2007/10/31	2007/11/01	2007/11/01
EC NO: S2008-0281	DRWNS:KANG	CHKD:ATSEE	APPR:MLONG
D2	REV	DESCRIPTION	

QUALITY SYMBOLS	$\nabla=0$
	$\sphericalangle=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	
	MM ONLY	
	mm	INCH
4 PLACES	\pm ---	\pm ---
3 PLACES	\pm ---	\pm ---
2 PLACES	± 0.20	\pm ---
1 PLACE	\pm ---	\pm ---
	ANGULAR $\pm 3^\circ$	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DRAWN BY		DATE	
RSHAN		1998/03/10	
CHECKED BY		DATE	
SQUEK		1998/03/28	
APPROVED BY		DATE	
SKTOH		1998/03/28	
MATERIAL NO.		DOCUMENT NO.	
SEE TABLE		SD-87381-***8*	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A3			

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
NTS	METRIC		
MGRID 2MM RECEPTACLE 4.50MM HT.			
MOLEX INCORPORATED			
SHEET NO.			2 OF 3

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

PART NUMBER (W/CAP IN TUBE)	MOISTURE BARRIER BAG P/N FOR TUBE	PART NUMBER (W/ CAP IN T&R)	MOISTURE BARRIER BAG P/N FOR T&R	CKT. SIZE	W	So	F	Bo
87381-2284	89990-0201	87381-8252	89990-0200	22	44.00	40.40	20.20	22.50
87381-3084		87381-8231		30	56.00	52.40	26.20	30.50

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ADD NOTE 7. EC NO: S2008-0281 DRWNS:KANG CHKD:ATSEE APPR:MLONG	2007/10/31 2007/11/01 2007/11/01	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			= 0 = 0		mm	INCH	NTS	METRIC			
					4 PLACES	± ---	± ---	DRAWN BY		DATE	MGRID 2MM RECEPTACLE 4.50MM HT. MOLEX INCORPORATED
					3 PLACES	± ---	± ---	RSHAN		1998/03/10	
					2 PLACES	± 0.20	± ---	CHECKED BY		DATE	
1 PLACE	± ---	± ---	SQUEK	1998/03/28							
			ANGULAR	± 3 °	APPROVED BY	DATE					
					SKTOH	1998/03/28					
					MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SD-87381-***8*		3 OF 3		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
					A3						

9 8 7 6 5 4 3 2 1