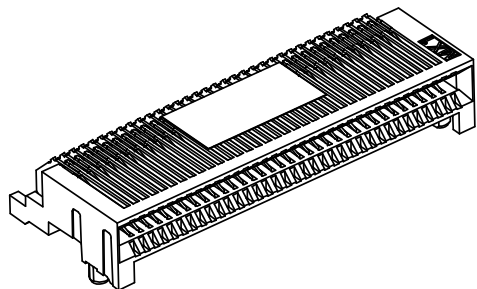


SECTION A-A

68 CIRCUIT ASSEMBLY SHOWN



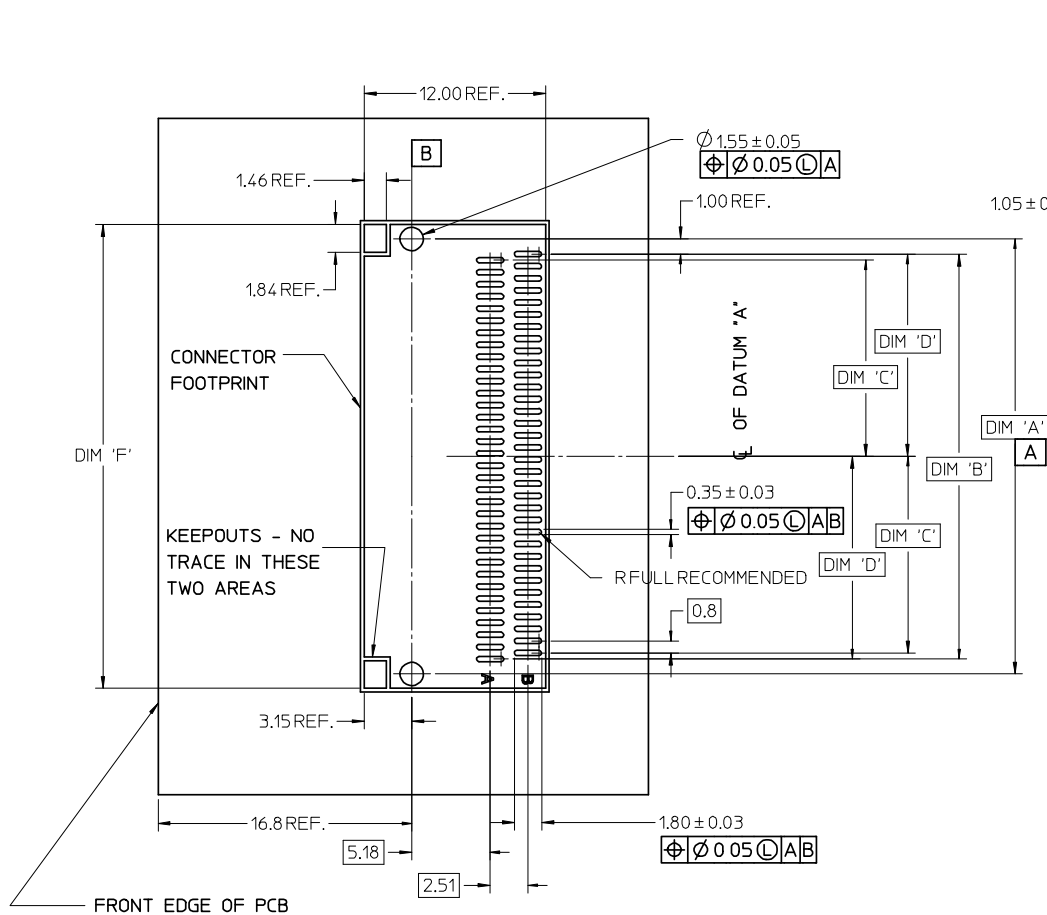
CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	DIM 'A'	DIM 'B'	DIM 'C'
26	75586-0004	OPTION 1	13.40	11.80	12.00
26	75586-0009	OPTION 2	13.40	11.80	12.00
36	75586-0003	OPTION 1	17.40	15.80	16.00
36	75586-0008	OPTION 2	17.40	15.80	16.00
38	75586-0010	OPTION 1	18.20	16.60	16.80
38	75586-0011	OPTION 2	18.20	16.60	16.80
50	75586-0001	OPTION 1	23.00	21.40	21.60
50	75586-0006	OPTION 2	23.00	21.40	21.60
68	75586-0002	OPTION 1	30.20	28.60	28.80
68	75586-0007	OPTION 2	30.20	28.60	28.80

NOTES

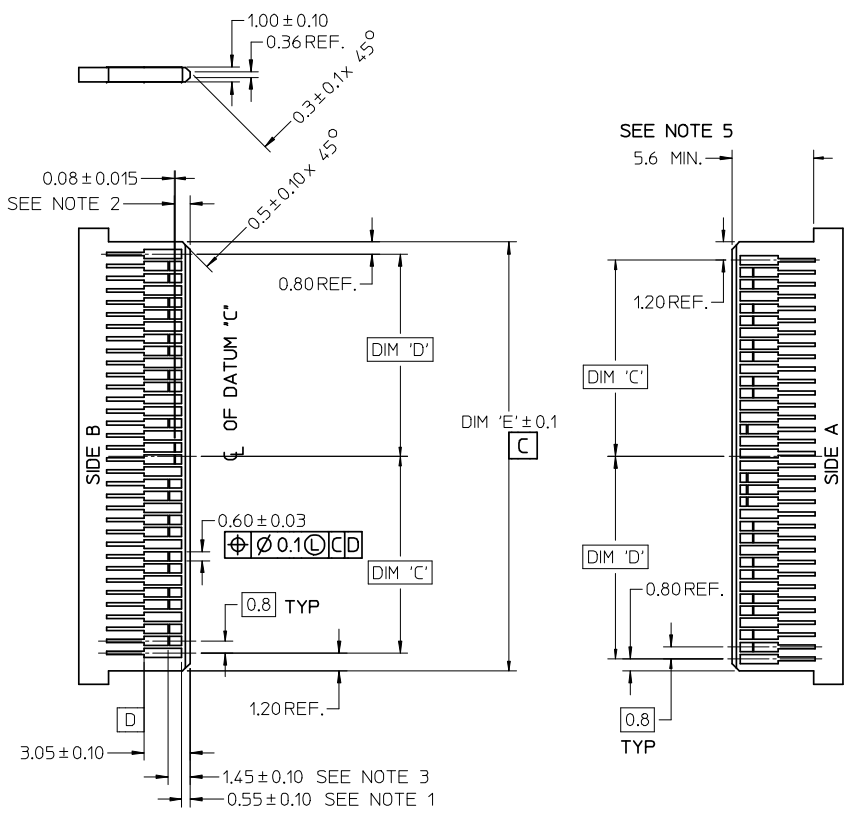
- MATERIAL:  
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED,  
UL 94V-0, BLACK  
TERMINALS - COPPER ALLOY
- PLATING:  
OPTION 1  
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL  
SOLDER FOOT AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.  
OPTION 2  
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm NICKEL  
SOLDER AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.
- TERMINAL SOLDER FEET TO BE COPLANAR WITHIN 0.10/004 MEASURED FROM FRONT HOUSING STAND OFF (DATUM E)
- DATE CODE: 4 DIGIT (3 DIGIT DATE, 1 DIGIT YEAR)
- CIRCUIT IDENTIFIER: SEE APPROPRIATE INDUSTRY SPECIFICATION FOR LOCATION OF PIN 1
- TO BE USED WITH EXTERNAL CABLES (74546 & 74547 SERIES) AND GUIDE FRAMES (74540 & 74548 SERIES)
- TESTER/ANALYZER CABLES AVAILABLE (74557 & 74558 SERIES)
- PACKAGED PER PACKAGING SPECIFICATION: PK-75586-002
- CONFORMS TO PRODUCT SPECIFICATION: PS-75586-001
- THIS PART CONFORMS TO CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

iPass™ IS A TRADEMARK OF MOLEX

<b>ADD CAVITY ID NOTE</b> EC NO: UCP2008-1618 DRW: DRWINKLANG CHKD: 2008/04/21 APPR: MBANAK IS 2008/04/21	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> <b>MM ONLY</b>		<b>SCALE</b> 4:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	<b>I-PASS R/A CONNECTOR EXTERNAL ASSEMBLY .8 MM PITCH I/O</b> <b>MOLEX INCORPORATED</b>			
		4 PLACES ± ---	± ---	KREGNIER	07/28/04				
		3 PLACES ± ---	± ---	CHECKED BY	DATE	<b>DOCUMENT NO.</b> SD-75586-001	<b>SHEET NO.</b> 1 OF 3		
2 PLACES ± 0.13	± ---	JL LONG	07/29/04	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
1 PLACE ± 0.25	± ---	APPROVED BY	DATE						
ANGULAR ± 1/2°		RNELSON	07/30/04						
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>SEE CHART</b>							



68 CIRCUIT SHOWN



- NOTES:
1. PAD CONFIGURATION FOR FIRST MATE.
  2. PAD CONFIGURATION FOR SECOND MATE.
  3. PAD CONFIGURATION FOR THIRD MATE (HIGH SPEED SIGNALS).
  4. FOR PIN ASSIGNMENTS AND MATING SEQUENCE (1ST, 2ND, 3RD), SEE APPLICABLE SPECIFICATION.
  5. MINIMUM STEP REQUIRED IF PCB MADE WIDER THAN CARD TOUNGE.
  6. SEE 74540 OR 74548 SERIES FOR GUIDE FRAME FOOT PRINT AND KEEP OUT AREA.

PEG TO PEG  
 FIRST PAD TO LAST PAD  
 CENTERLINE TO PAD  
 CENTERLINE TO PAD  
 MODULE BOARD WIDTH  
 CONNECTOR WIDTH

CIRCUIT SIZE	TERM/SIDE 'N'	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
26	13	12.00	10.00	4.60	5.00	11.60	13.90
36	18	16.00	14.00	6.60	7.00	15.60	17.90
38	19	16.80	14.80	7.00	7.40	16.40	18.70
50	25	21.60	19.60	9.40	9.80	21.20	23.50
68	34	28.80	26.80	13.00	13.40	28.40	30.70

SEE SHEET 1  
 EC NO: UCP2008-1618  
 DRINKLANG 2008/03/20  
 CHKD: 2008/04/21  
 APPR: MBANAKIS 2008/04/21

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE  
 MM ONLY

DRAWN BY	DATE
KREGNIER	07/28/04
CHECKED BY	DATE
JLONG	07/29/04
APPROVED BY	DATE
RNELSON	07/30/04

MATERIAL NO.  
 SEE SHEET 1

SCALE  
 4:1

DESIGN UNITS  
 METRIC

THIRD ANGLE PROJECTION

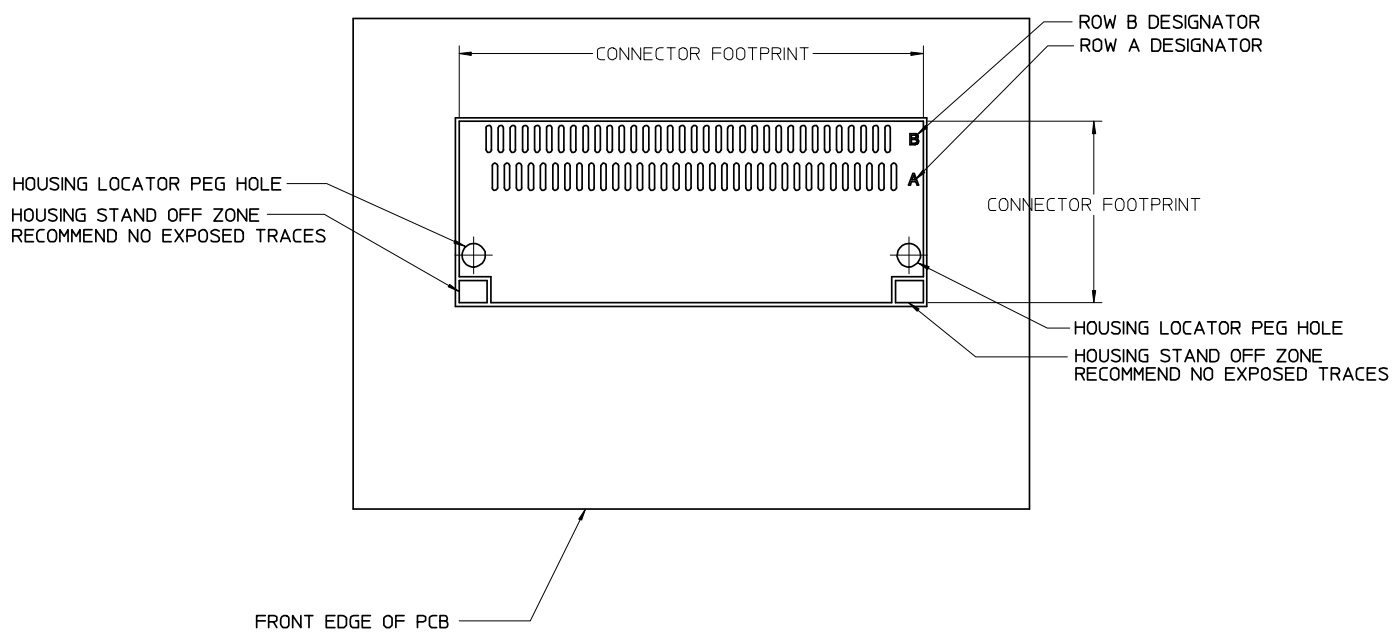
I-PASS R/A CONNECTOR  
 EXTERNAL ASSEMBLY  
 .8 MM PITCH I/O

MOLEX INCORPORATED

DOCUMENT NO.  
 SD-75586-001

SHEET NO.  
 2 OF 3

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



iPass™ IS A TRADEMARK OF MOLEX

SEE SHEET 1 EC NO: UCP2008-1618 2008/03/20 DRINKLANG CHKD: 2008/04/21 APPR: MBANAK IS 2008/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▼=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	MM ONLY	4:1	METRIC	
	DRAWN BY: KREGNIER CHECKED BY: JLONG APPROVED BY: RNELSON	DATE: 07/28/04 DATE: 07/29/04 DATE: 07/30/04	TITLE: I-PASS R/A CONNECTOR EXTERNAL ASSEMBLY .8 MM PITCH I/O			
	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75586-001	MOLEX INCORPORATED			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				