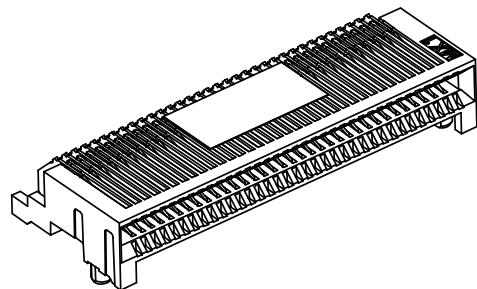


SECTION A-A

68 CIRCUIT ASSEMBLY SHOWN



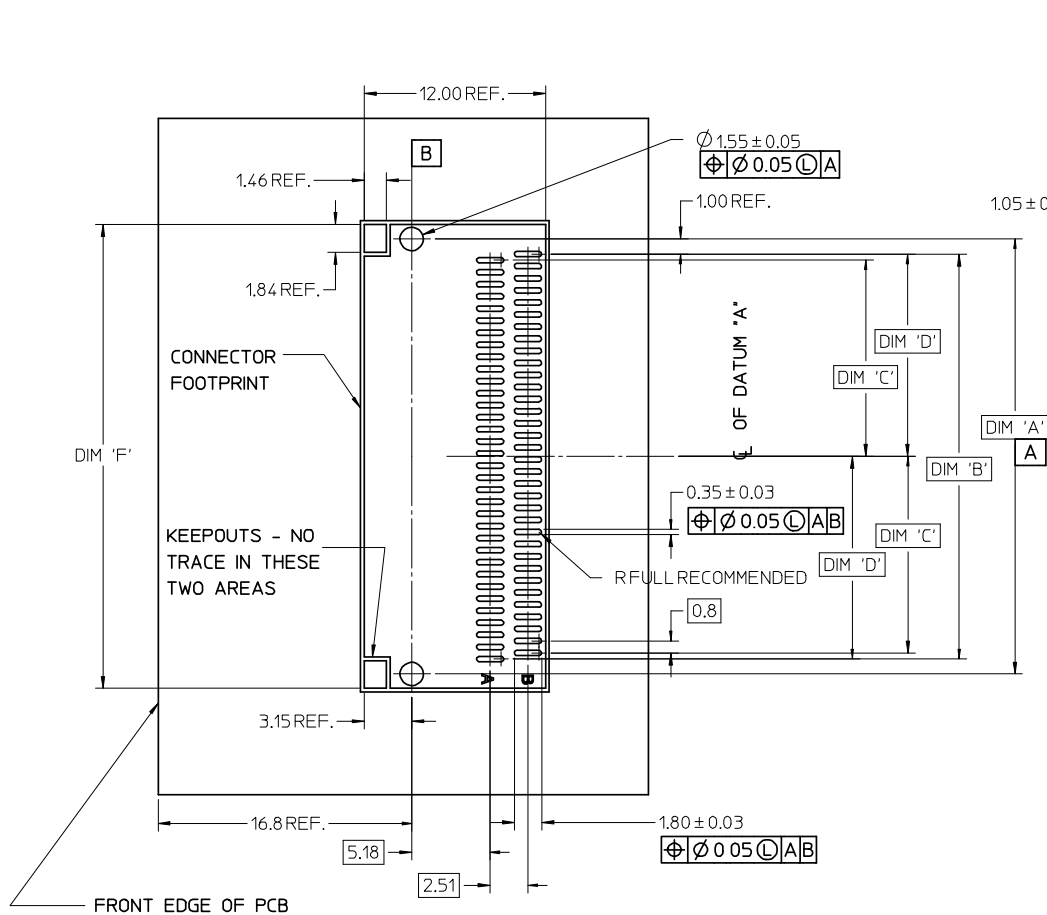
CIRCUIT SIZE	ITEM NUMBER	PLATING OPTION	DIM 'A'	DIM 'B'	DIM 'C'
26	75586-0004	OPTION 1	13.40	11.80	12.00
26	75586-0009	OPTION 2	13.40	11.80	12.00
36	75586-0003	OPTION 1	17.40	15.80	16.00
36	75586-0008	OPTION 2	17.40	15.80	16.00
38	75586-0010	OPTION 1	18.20	16.60	16.80
38	75586-0011	OPTION 2	18.20	16.60	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

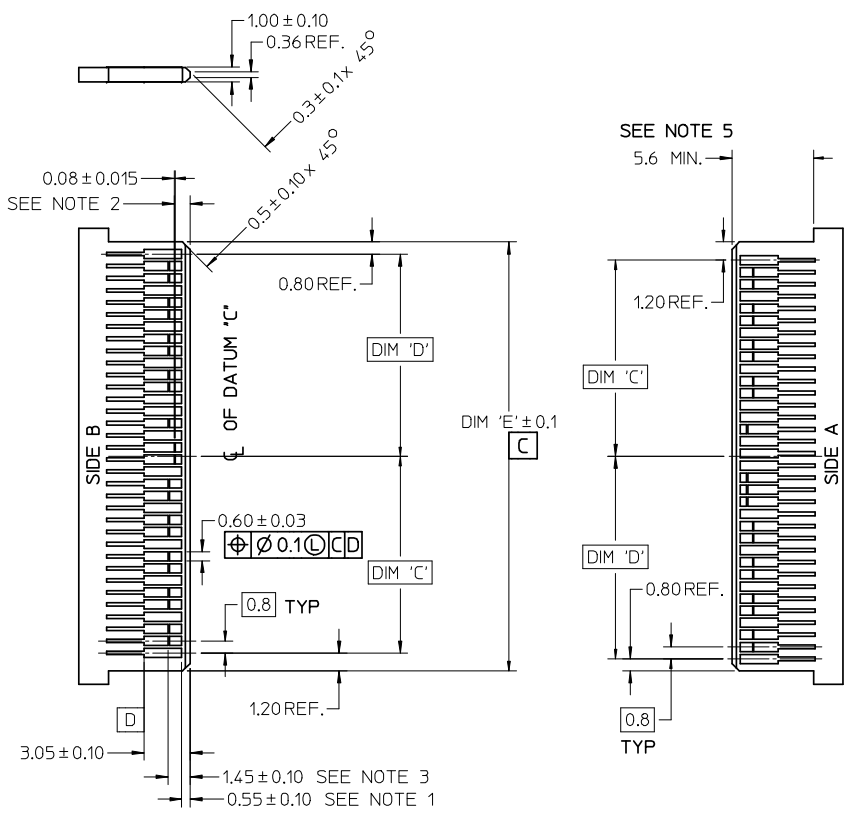
- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED,
UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING:
OPTION 1
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.
OPTION 2
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm 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

ADD CAVITY ID NOTE EC NO: UCP2008-1618 DRW/KLANG 2008/03/20 CHKD: 2008/04/21 APPR: MBANK LIS 2008/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	I-PASS R/A CONNECTOR EXTERNAL ASSEMBLY .8 MM PITCH I/O MOLEX INCORPORATED			
		4 PLACES ± ---	± ---	KREGNIER	07/28/04				
		3 PLACES ± ---	± ---	CHECKED BY	DATE	DOCUMENT NO. SD-75586-001	SHEET NO. 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						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART							



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
 2008/03/20
 DRINKLANG
 2008/04/21
 CHKD:
 2008/04/21
 APPR:MBANAKIS

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

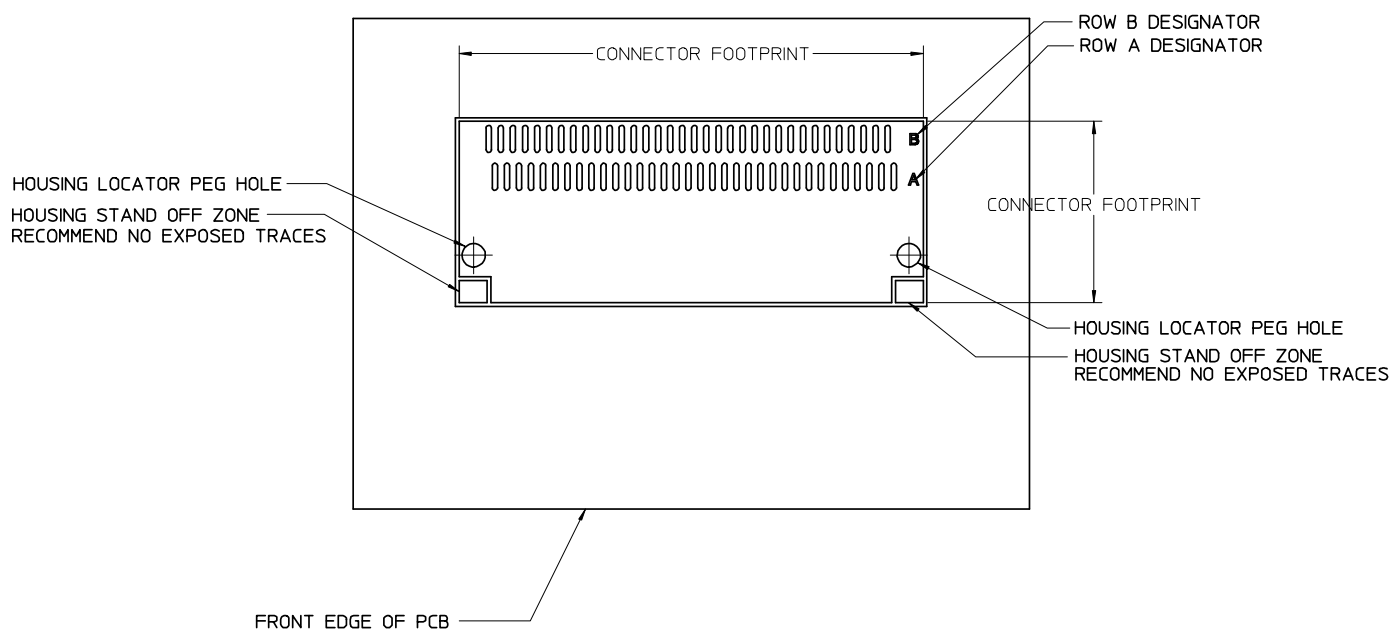
I-PASS R/A CONNECTOR
 EXTERNAL ASSEMBLY
 .8 MM PITCH I/O

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 REV T1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> </table> ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .005	± .0005	2 PLACES	± 0.13	± .005	1 PLACE	± 0.25	± .010	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH																	
	4 PLACES		± .005	± .0005																	
	3 PLACES		± .005	± .0005																	
2 PLACES	± 0.13	± .005																			
1 PLACE	± 0.25	± .010																			
DRAWN BY KREGNIER	DATE 07/28/04	TITLE I-PASS R/A CONNECTOR EXTERNAL ASSEMBLY .8 MM PITCH I/O MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-75586-001 SHEET NO. 3 OF 3																			
CHECKED BY JLONG	DATE 07/29/04																				
APPROVED BY RNELSON		DATE 07/30/04	MATERIAL NO. SEE CHART SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		