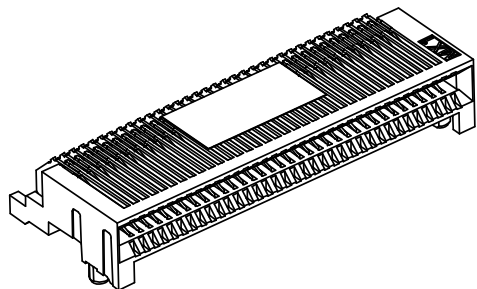


SECTION A-A

68 CIRCUIT ASSEMBLY SHOWN



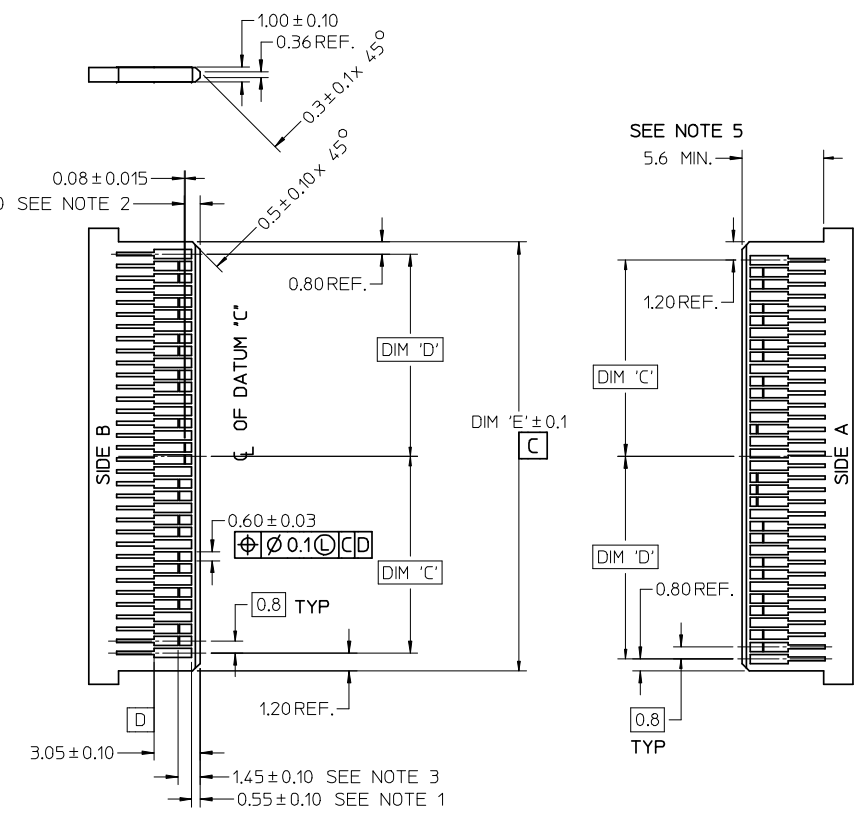
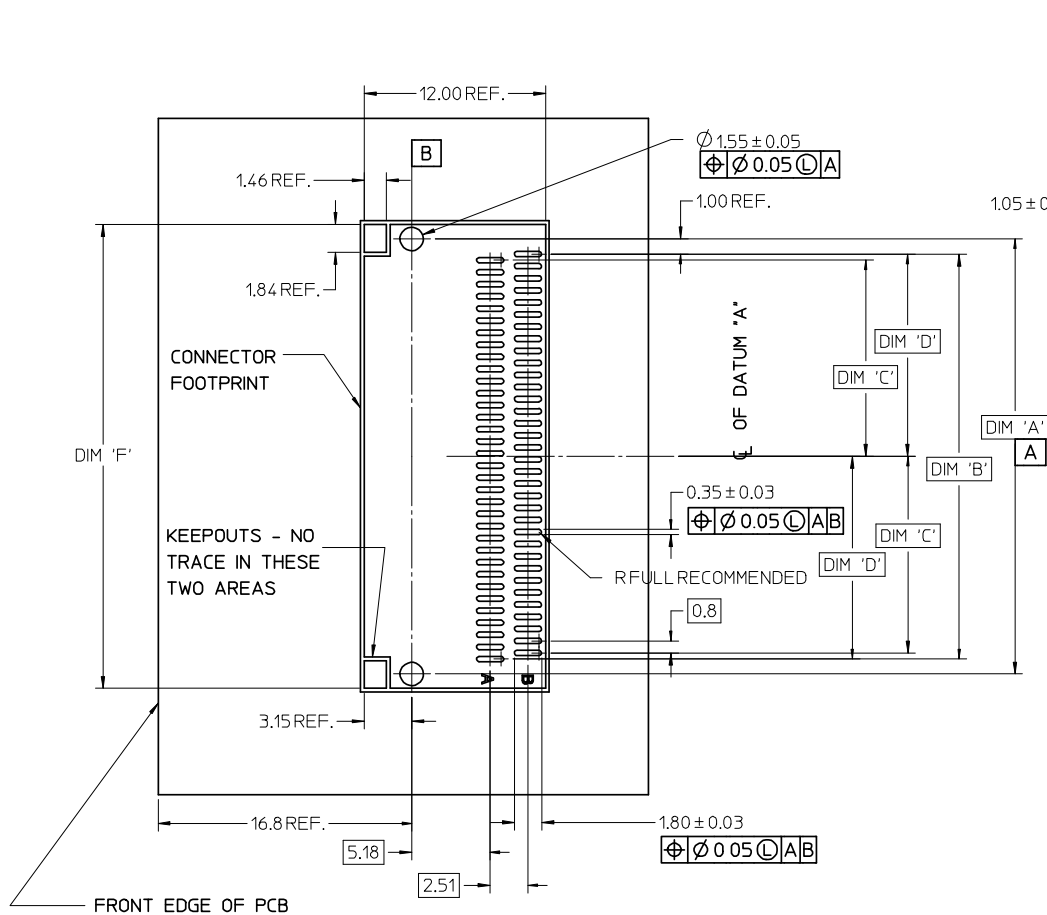
| CIRCUIT SIZE | ITEM NUMBER | PLATING OPTION | DIM 'A' | DIM 'B' | DIM 'C' |
|--------------|-------------|----------------|---------|---------|---------|
| 26 | 75586-0004 | OPTION 1 | 13.40 | 11.80 | 12.00 |
| 26 | 75586-0009 | OPTION 2 | 13.40 | 11.80 | 12.00 |
| 36 | 75586-0003 | OPTION 1 | 17.40 | 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

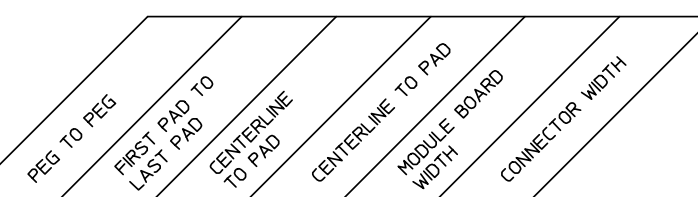
- MATERIAL:
HOUSING - HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED,
UL 94V-0, BLACK
TERMINALS - COPPER ALLOY
- PLATING:
OPTION 1
CONTACT AREA - 0.38 μm MIN GOLD OVER 2.54 μm MIN NICKEL
SOLDER FOOT AREA - 2.54 - 5.09 μm TIN OVER 2.54 μm MIN NICKEL.
OPTION 2
CONTACT AREA - 0.76 μm MIN GOLD OVER 2.54 μm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

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| | | | | | | | | | |
|--|--------------------------------------|--|----------|---|----------|--|-------------------------------|------------------------|--|
| ADD CAVITY ID NOTE EC NO: UCP2008-1618 DRW: DRWINKLANG CHKD: 2008/04/21 APPR: MBANAK IS 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 | | | | | | | |



- 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.



| 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 |

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° | | |

DIMENSION STYLE: MM ONLY

SCALE: 4:1

DESIGN UNITS: METRIC

THIRD ANGLE PROJECTION

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

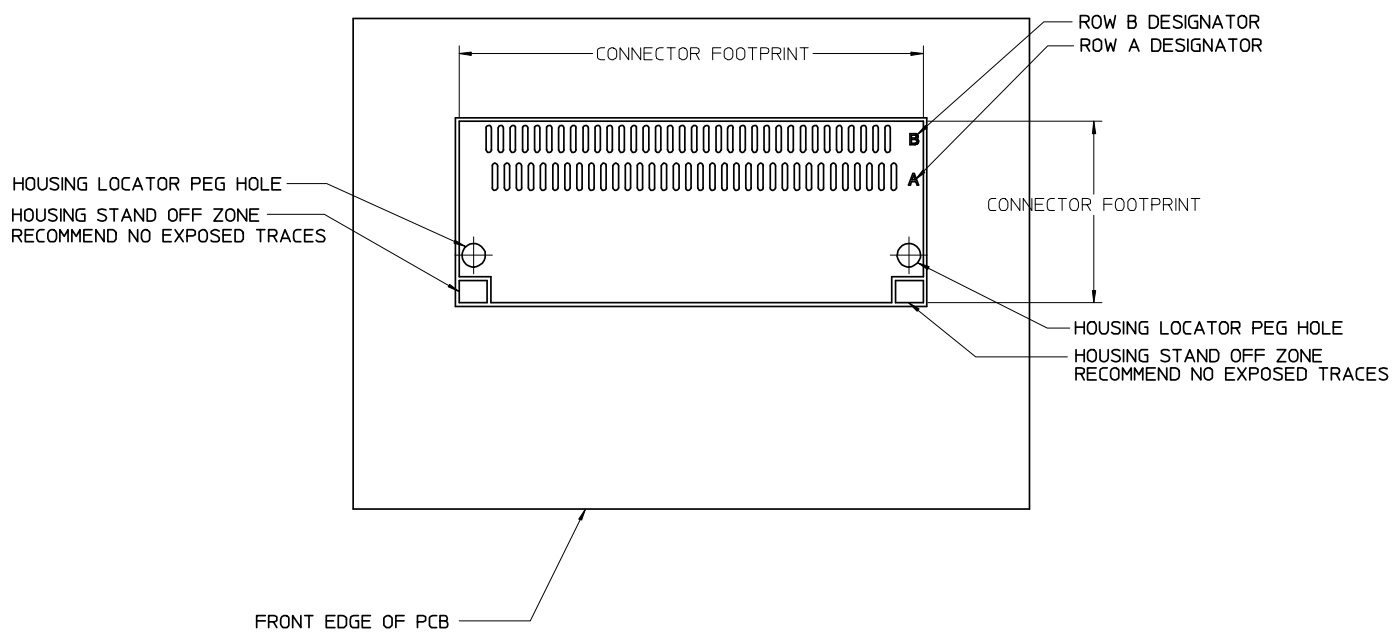
MATERIAL NO. SD-75586-001
 DOCUMENT NO. SD-75586-001

SHEET NO. 2 OF 3

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SEE SHEET 1

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



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