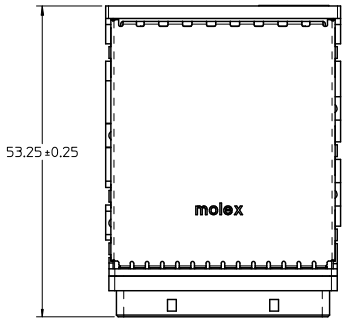
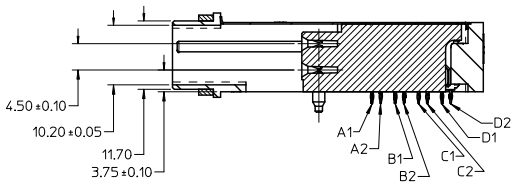
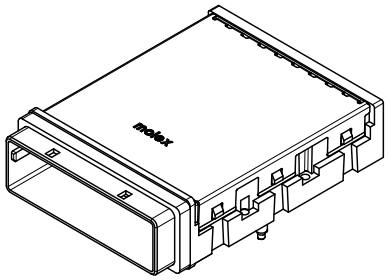
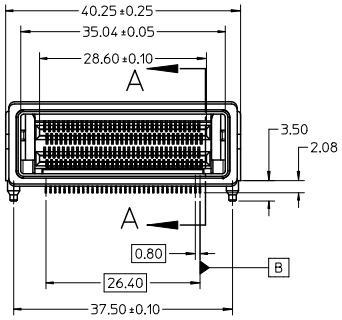
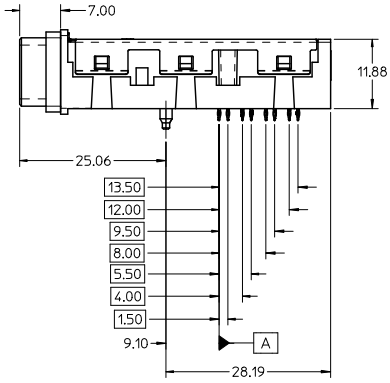


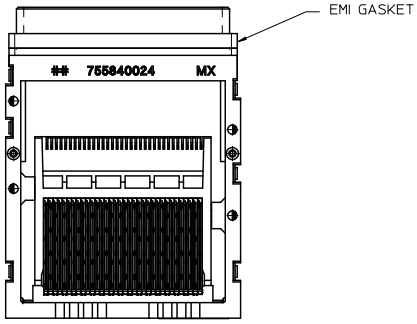


SECTION A-A









NOTES :

1. MATERIALS :
   CONNECTOR HOUSING - HIGH TEMP THERMOPLASTIC, GLASS FILLED, UL94V-0
   EMI HOUSING - NICKEL PLATED DIE CAST ALLOY
   COVER - STAINLESS STEEL ALLOY
   EMI GASKET - CONDUCTIVE POLYMER
2. PLATING OPTIONS :
   (A) CONTACT AREA - 0.38μm MIN GOLD OVER 2.54 μm MIN NICKEL
   (B) CONTACT AREA - 0.76μm MIN GOLD OVER 2.54 μm MIN NICKEL
   (C) COMPLIANT TAIL AREA - 0.76 - 1.52 μm TIN/LEAD (90/10) OVER 1.27 μm MIN NICKEL.
   (D) COMPLIANT TAIL AREA - 0.76 - 1.52 μm TIN (90/10) OVER 1.27 μm MIN NICKEL.
3. PRODUCT SPECIFICATION : PS-75586-001
4. THIS CONNECTOR IS DESIGNED TO MATE WITH MOLEX CABLE SERIES 74546.
5. PACKAGING SPECIFICATION : TRAY PACK PER PK-75581-001
6. MOUNTING HARDWARE REQ'D : M2x8mm CAP SCREWS (4)

PART NUMBER	CONTACT PLATING	COMPLIANT PLATING
75581-0001	A - 0.38μm GOLD	C - 0.76-1.52μm SnPb
75581-0002	B - 0.76μm GOLD	C - 0.76-1.52μm SnPb
75581-0008	A - 0.38μm GOLD	D - 0.76-1.52μm Sn
75581-0009	B - 0.76μm GOLD	D - 0.76-1.52μm Sn

REVISE COVER
EC NO: UCP2011-0374 2010/08/18
DRWN:KLANG 2010/12/15
CHKD:
APPR:MBANAKIS
DESCRIPTION
REV

QUALITY SYMBOLS
$\frac{E}{A}$=0
$\frac{E}{C}$=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

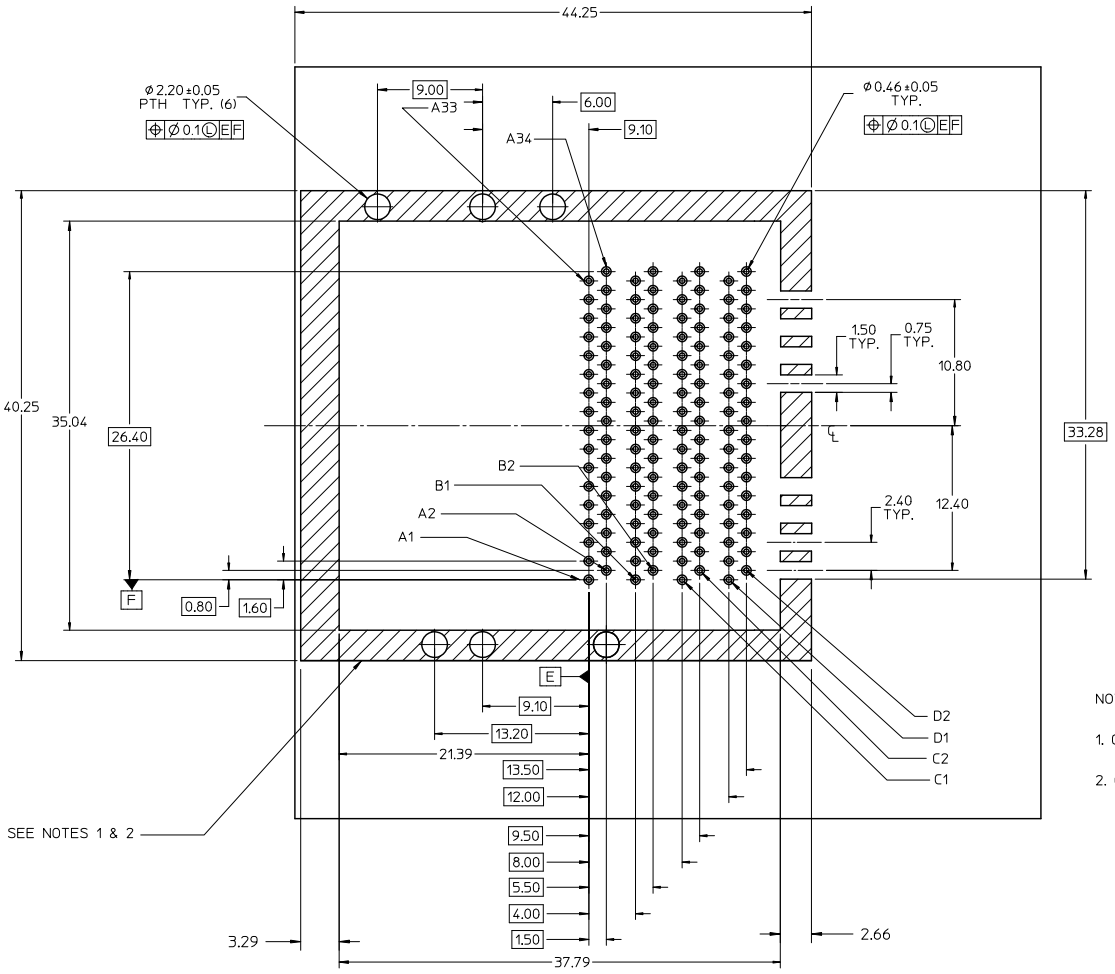
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KREGNIER DATE: 10/21/04
CHECKED BY: DATE:
APPROVED BY: RNELSON DATE: 10/28/04
MATERIAL NO.: SEE CHART

TITLE: 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O
MOLEX INCORPORATED
DOCUMENT NO.: SD-75581-001
SHEET NO.: 1 OF 3
SIZE: C



NOTES :

1. CROSS HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
2. CROSS HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.

RECOMMENDED PCB LAYOUT : COMPONENT SIDE SHOWN

PCB THICKNESS : 1.35mm MIN.

SEE SHEET 1
EC NO: UCP2011-0374 2010/08/18
DRWN:KLANG
CHKD:
APPR:MBANAKIS 2010/12/15
DESCRIPTION
REV

QUALITY SYMBOLS
$\frac{F}{A}$=0
$\frac{F}{E}$=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

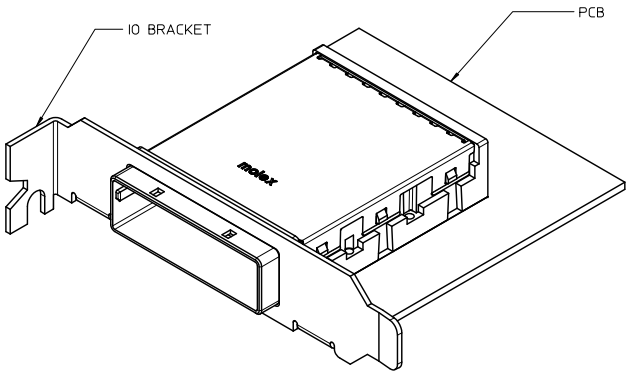
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

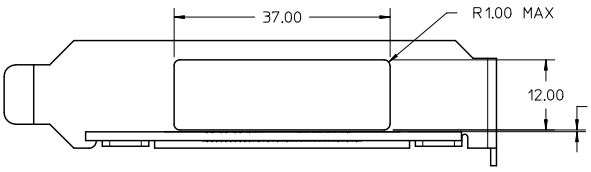
DRAWN BY: KREGNIER DATE: 10/21/04
CHECKED BY: DATE:
APPROVED BY: RNELSON DATE: 10/28/04
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-75581-001
SHEET NO.: 2 OF 3
SIZE: C

TITLE: 16X PCIE I-PASS CONNECTOR FAMILY 0.80 MM PITCH I/O

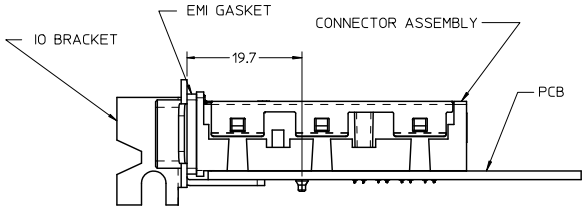
MOLEX INCORPORATED

tb_frame_C_P_AM_T
Rev. D 2004/06/28





IO BRACKET CUT-OUT
(NOT SUPPLIED)



ASSEMBLED VIEW

SEE SHEET 1
EC NO: UCP2011-0374 2010/08/18
DRWN:KLANG
CHKD:
APPR:MBANAKIS 2010/12/15
DESCRIPTION
REV

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
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: KREGNIER DATE: 10/21/04
CHECKED BY: DATE:
APPROVED BY: RNELSON DATE: 10/28/04

TITLE
16X PCIE
I-PASS CONNECTOR FAMILY
0.80 MM PITCH I/O

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-75581-001
SHEET NO.: 3 OF 3
SIZE: C