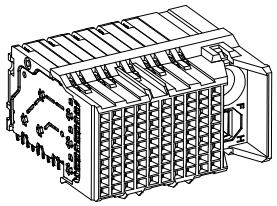
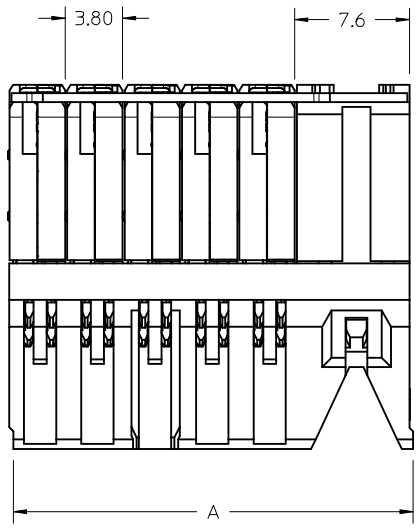
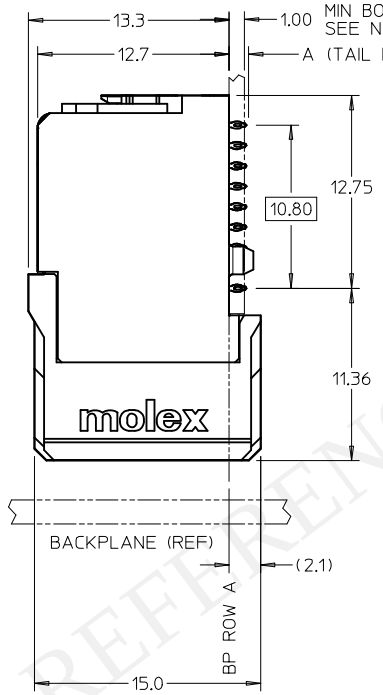
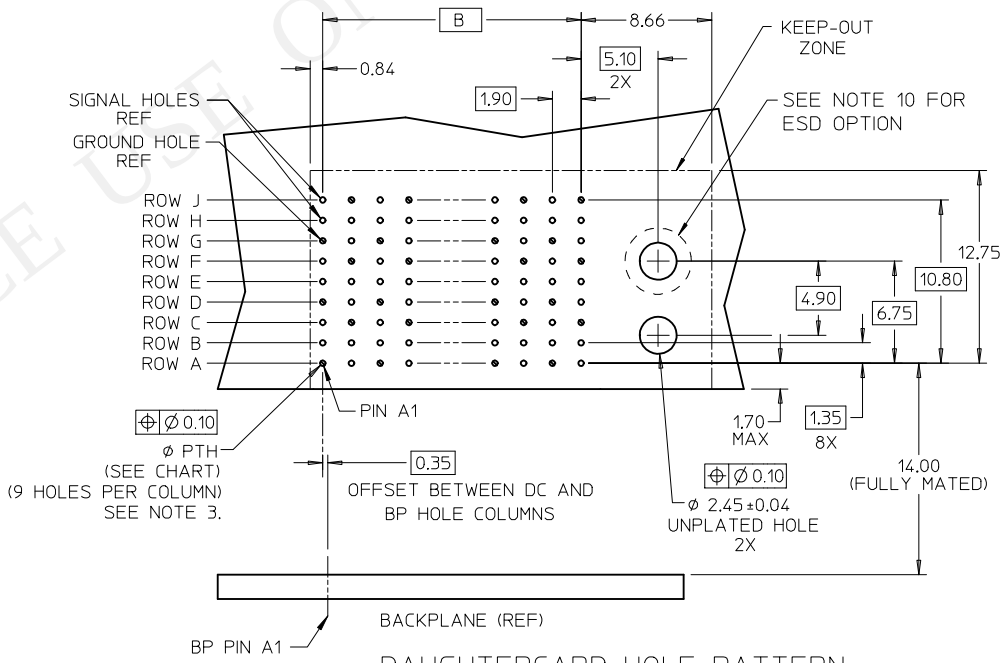
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
171180-5**0	10	30	26.60	17.10	0.39 ±0.05
171180-5**4	14	42	34.20	24.70	
171180-5**6	16	48	38.00	28.50	



NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS. NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER COLUMN CONTAINS A SHIELD.
5. PRODUCT IS PACKAGED PER PK-70873-591.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76165-003 FOR THE MATING HEADERS.
8. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0005 (7.62mm +0.38/-0.76 THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 1.9 mm TO 2.5 mm.
9. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTIPAD AND ROUTING RECOMMENDATIONS.
10. FOR GROUNDED GUIDE MODULES USE ø2.45±0.10 (PTH), ø2.58 (DRILL) AND ø4.50 (PAD), AT THIS LOCATION ONLY.







DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

171180-5***

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDED LEAD-FREE

POLARIZATION KEY ORIENTATION
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

# OF COLUMNS
20 = 10 COL 0.39 PTH
24 = 14 COL 0.39 PTH
26 = 16 COL 0.39 PTH
50 = 10 COL 0.39 PTH, W/ESD CLIP
54 = 14 COL 0.39 PTH, W/ESD CLIP
56 = 16 COL 0.39 PTH, W/ESD CLIP

PRELIMINARY
EC NO: UCP2013-2831
DRWN:MCARRANZA 2013/01/11
CH'KD:
APPR:MCARRANZA 2013/01/11
DESCRIPTION
1
REV

QUALITY SYMBOLS
F1 =0
F2 =0
F3 =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

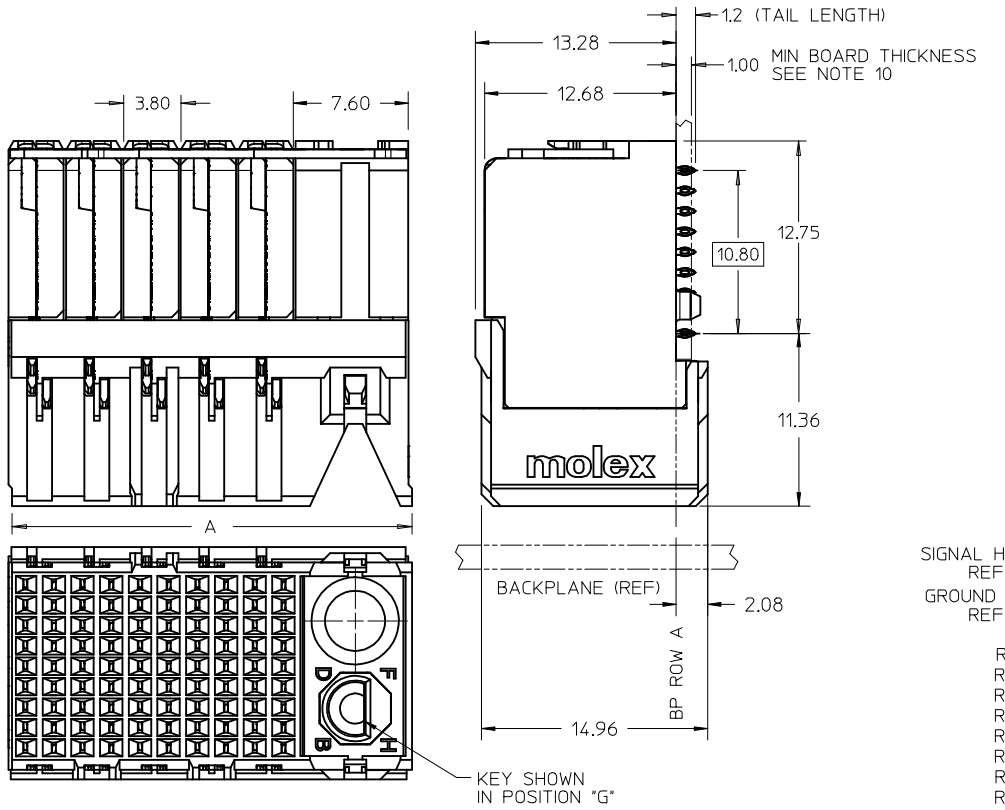
ANGULAR ±1/2°

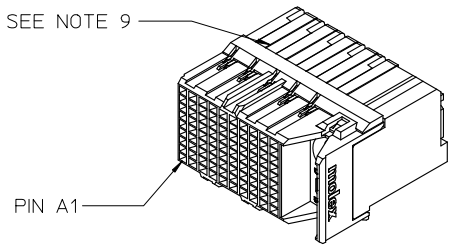
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

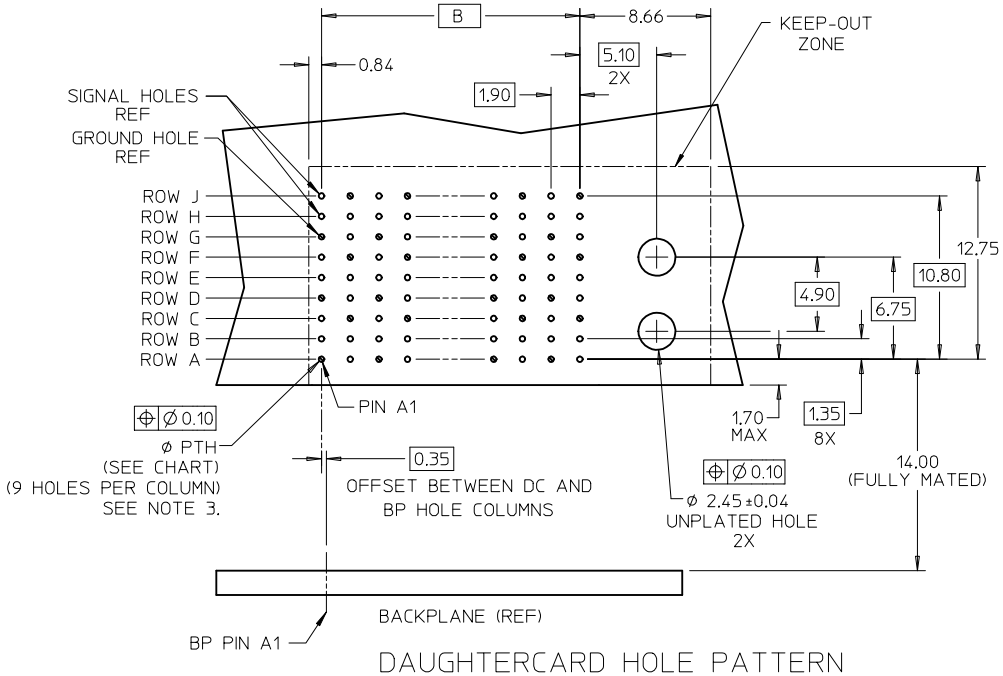
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MCARRANZA DATE: 2013/01/11
CHECKED BY: DATE:
APPROVED BY: MCARRANZA DATE: 2013/01/11
MATERIAL NO.: SEE TABLE

TITLE: IMPACT XTR DAUGHTERCARD 3 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG
molex
DOCUMENT NO.: SD-171180-0004
SHEET NO.: 1 OF 1
SIZE: C







DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN
   ON PCB TAILS. NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS
   AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-591.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76165-003 FOR THE MATING HEADERS AND
   SD-76410-002 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTIPAD AND ROUTING
   RECOMMENDATIONS.
9. PART NUMBER 76170-5720 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
   WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0005 (7.62mm +0.38/-0.76
    THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS RANGE
    IS 1.9 mm TO 2.5 mm.

STANDARDIZATION
EC NO: UCP2013-5285 2013/06/11
DRWN: JCOFSKY
CHKD:
APPR: TELO 2013/07/18
DESCRIPTION
H1
REV

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±
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: JLAURX DATE: 2008/01/29
CHECKED BY: TELO DATE: 2008/01/29
APPROVED BY: JLAURX DATE: 2008/01/29
MATERIAL NO.: SEE CHART

TITLE: IMPACT 100 OHM DC
3 PAIR SIGNAL MODULE
GUIDE RIGHT SALES DWG

molex

DOCUMENT NO.: SD-76170-004
SHEET NO.: 1 OF 2
SIZE: C

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
76170-***6	6	18	19.00	9.50	0.46 ±0.05
76170-***8	8	24	22.80	13.30	
76170-***0	10	30	26.60	17.10	
76170-***6	16	48	38.00	28.50	
76170-***6	6	18	19.00	9.50	0.39 ±0.05
76170-***8	8	24	22.80	13.30	
76170-***0	10	30	26.60	17.10	
76170-***6	16	48	38.00	28.50	

76170-****

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDED LEAD-FREE

POLARIZATION KEY ORIENTATION
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

# OF COLUMNS
06 = 6 COL 0.46 PTH
08 = 8 COL 0.46 PTH
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 COL 0.39 PTH
36 = 6 COL 0.39 PTH
38 = 8 COL 0.39 PTH

SEE SHEET 1
EC NO: UCP2013-5285 2013/06/11
DRWN: JCOFSKY
CHKD:
APPR: TELO 2013/07/18
DESCRIPTION
REV
H1

QUALITY SYMBOLS
AQL 1.5 = 0
AQL 2.5 = 0
AQL 4.0 = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

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: JLAURX DATE: 2008/01/29
CHECKED BY: TELO DATE: 2008/01/29
APPROVED BY: JLAURX DATE: 2008/01/29

TITLE: IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG

molex

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-76170-004
SHEET NO.: 2 OF 2
SIZE: C