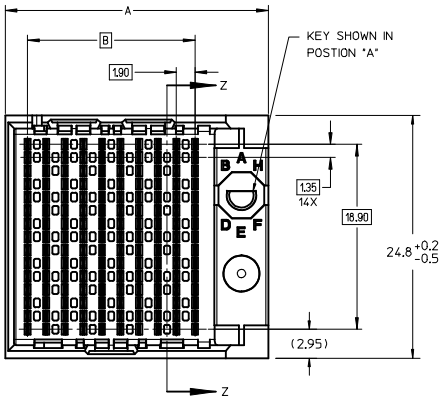
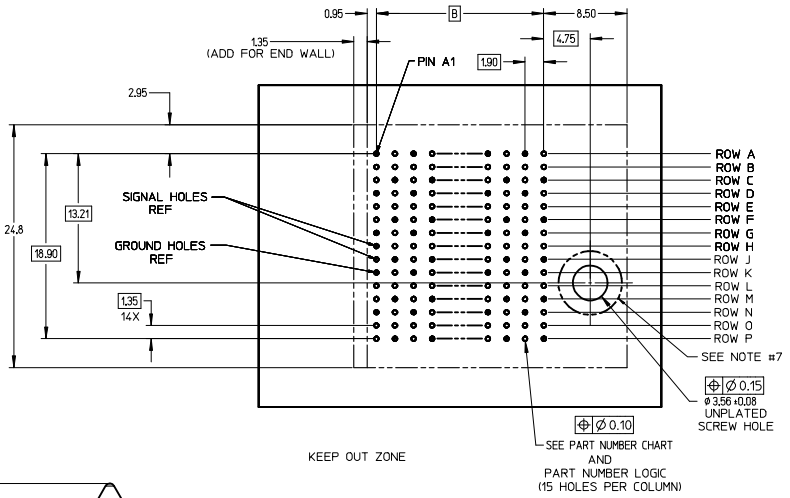
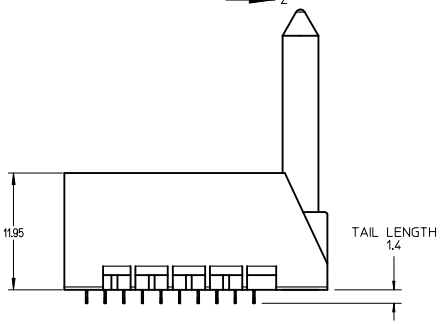
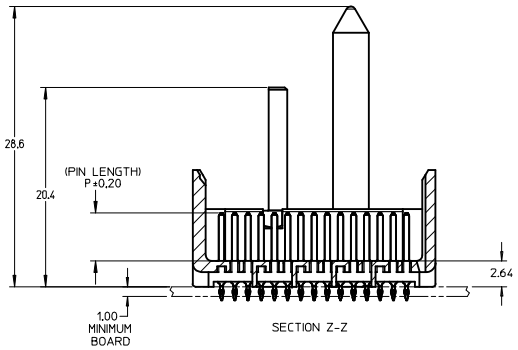


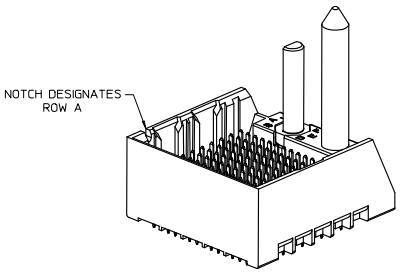


RIGHT GUIDED
BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)
SEE NOTE 12





SECTION Z-Z



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
   GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
   SELECTIVE TIN ON PCB TAILS.
   NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
   FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
   MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-759.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)
   DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76060.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM
   TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR
    ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT
    REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD FOR CONNECTORS
    STACKED TOGETHER, USE A 1.9mm PROGRESSION."

REV	DESCRIPTION
J	CONVERT TO LEAD-FREE EC NO: UCP2013-2078 2012/11/26 DRWN:T.BARRA 2012/12/18 CHKD:B.INGHAM 2012/12/31 APPR:S.MILLER

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

		DATE
DRAWN BY	MSANDBERG	05/24/2007
CHECKED BY	JLAURX	05/24/2007
APPROVED BY	JLAURX	2010/10/15

TITLE: IMPACT 5 PAIR HEADER
RIGHT GUIDED ASSEMBLY
SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-76055-003
SHEET NO.: 1 OF 3
SIZE: D

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

PART NUMBER LOGIC

76055-****

MODULE TYPE
5 = GUIDE RIGHT, TIN
9 = GUIDE RIGHT END WALL, TIN

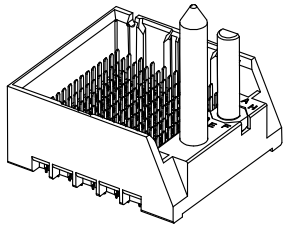
# OF COLUMNS
1 = 10 COL
2 = 12 COL
6 = 16 COL
7 = 14 COL

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

PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

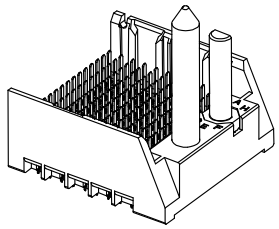
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76055-*1**	10	50	26.9	17.10	GUIDE RIGHT END WALL OPTION
76055-*2**	12	60	30.7	20.90	
76055-*7**	14	70	34.5	24.70	
76055-*6**	16	80	38.3	28.50	



GUIDE RIGHT END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76055-*1**	10	50	25.5	17.10	GUIDE RIGHT OPEN WALL OPTION
76055-*2**	12	60	29.3	20.90	
76055-*7**	14	70	33.1	24.70	
76055-*6**	16	80	36.9	28.50	



GUIDE RIGHT OPEN WALL OPTION

SEE SHEET 1
EC NO: UCP2013-2078 2012/11/26
DRWN:TIBARRA 2012/12/18
CH'KD:JBINGHAM 2012/12/31
APPR:SMILLER 2012/12/31
DESCRIPTION
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: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MSANDBERG	05/24/2007
CHECKED BY	JLAURX	05/24/2007
APPROVED BY	JLAURX	2010/10/15

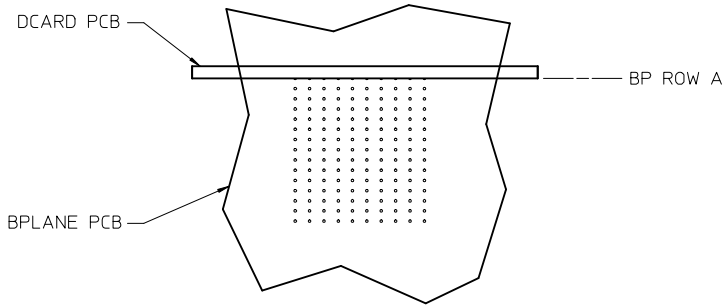
TITLE: IMPACT 5 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING

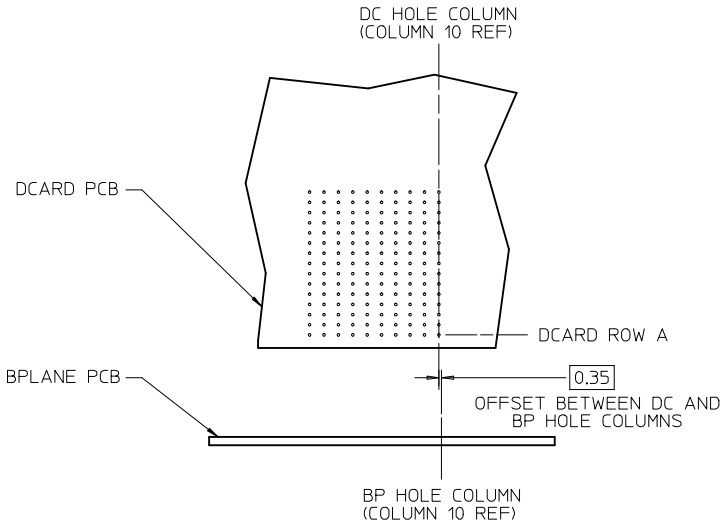
molex

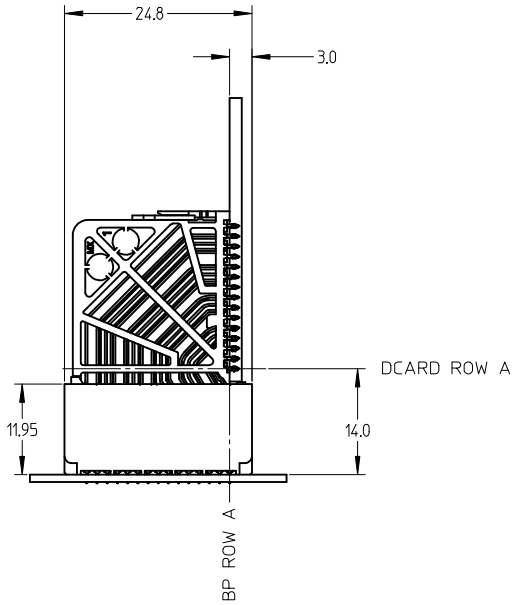
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-76055-003
SHEET NO.: 2 OF 3
SIZE: C

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

IMPACT 5 PAIR BOARD RELATIONSHIPS







SEE SHEET 1
EC NO: UCP2013-2078 2012/11/26
DRWN:TIBARRA 2012/12/18
CHKD:JBINGHAM 2012/12/31
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
F =0
F =0
F =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: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

	BY	DATE
DRAWN BY	MSANDBERG	05/24/2007
CHECKED BY	JLAURX	05/24/2007
APPROVED BY	JLAURX	2010/10/15

TITLE: IMPACT 5 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-76055-003
SHEET NO.: 3 OF 3
SIZE: C

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