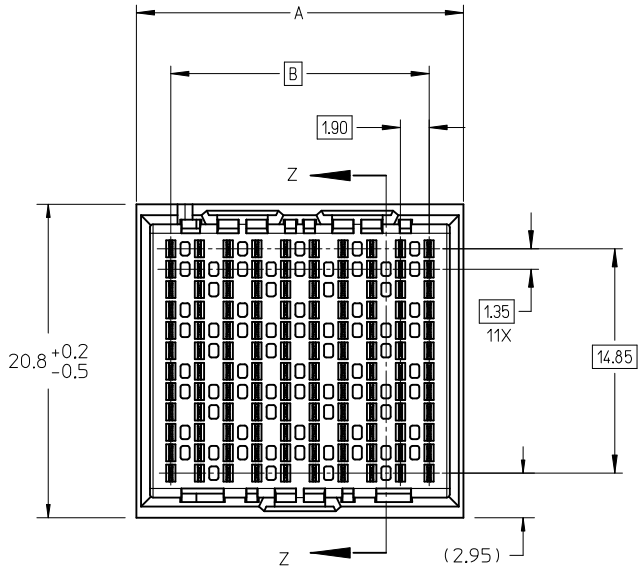
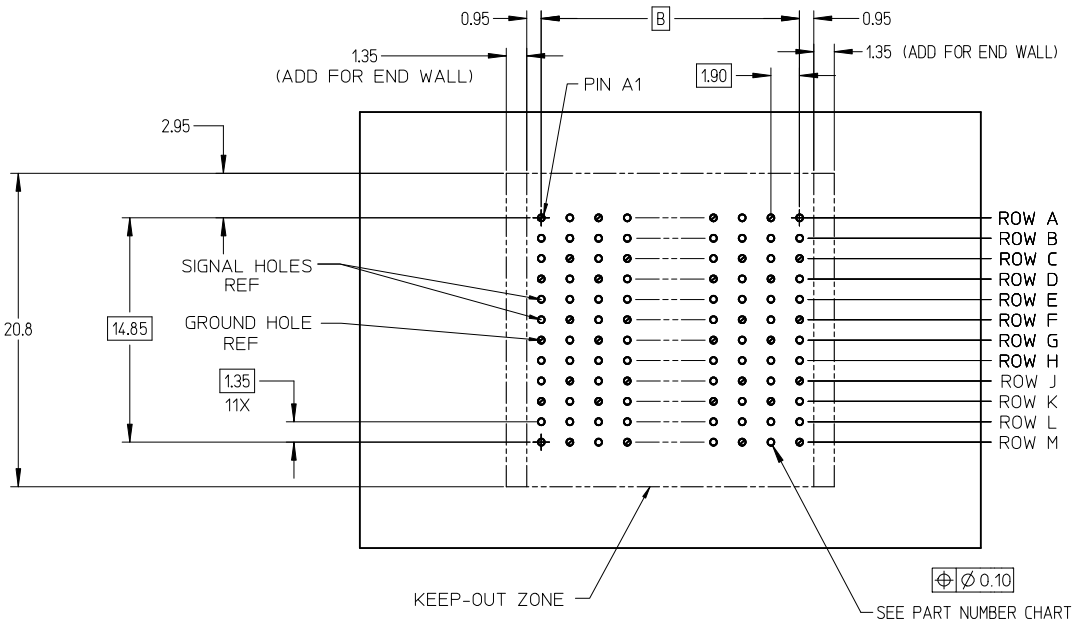
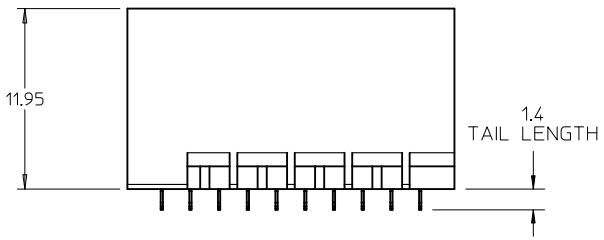
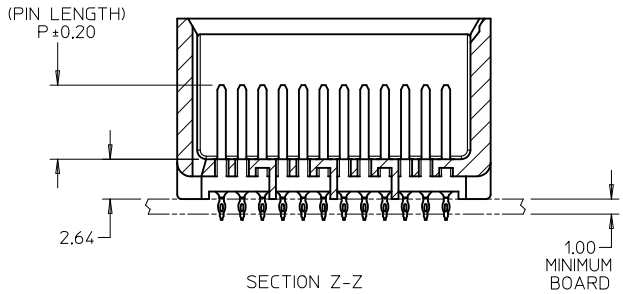
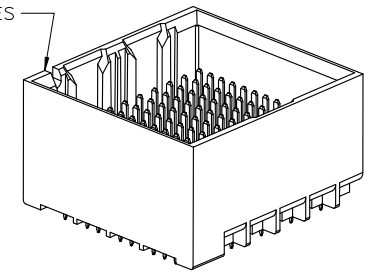








SECTION Z-Z



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. PARTS PACKAGED PER PK-70873-7701.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76160.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND
   ROUTING RECOMMENDATIONS.
9. "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."

CONVERT TO LEAD-FREE
EC NO: UCP2013-2078
DRWN:TIBARRA 2012/11/26
CHKD:JBINGHAM 2012/12/18
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: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MSANDBERG DATE: 2007/19/07
CHECKED BY: JLAURX DATE: 2007/19/07
APPROVED BY: JLAURX DATE: 2010/11/15
MATERIAL NO.: SEE TABLE

TITLE: IMPACT 4 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING

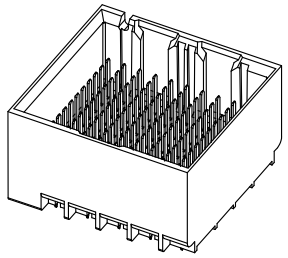
molex

DOCUMENT NO.: SD-76155-001
SHEET NO.: 1 OF 3
SIZE: C

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

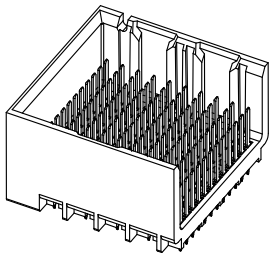
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*32*	6	24	14.1	9.50	DUAL END WALL OPTION
76155-*82*	8	32	17.9	13.30	
76155-*12*	10	40	21.7	17.10	
76155-*62*	16	64	33.1	28.50	



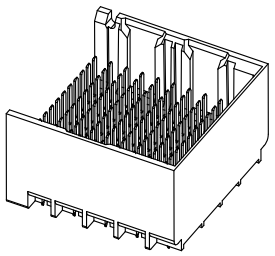
DUAL END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*31*	6	24	12.7	9.50	LEFT END WALL OPTION
76155-*81*	8	32	16.5	13.30	
76155-*11*	10	40	20.3	17.10	
76155-*61*	16	64	31.7	28.50	



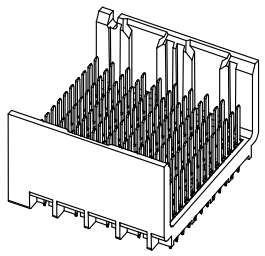
LEFT END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*33*	6	24	12.7	9.50	RIGHT END WALL OPTION
76155-*83*	8	32	16.5	13.30	
76155-*13*	10	40	20.3	17.10	
76155-*63*	16	64	31.7	28.50	



RIGHT END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*30*	6	24	11.3	9.50	OPEN WALL OPTION
76155-*80*	8	32	15.1	13.30	
76155-*10*	10	40	18.9	17.10	
76155-*60*	16	64	30.4	28.50	



OPEN WALL OPTION

PART NUMBER LOGIC

76155-****

MODULE TYPE
1 = UNGUIDED,TIN

# OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

END WALL OPTIONS
0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

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)

SEE SHEET 1
EC NO: UCP2013-2078 2012/11/26
DRWN:TIBARRA 2012/12/18
CH'KD:JB INGHAM 2012/12/31
APPR:SMILLER
DESCRIPTION
REV

QUALITY SYMBOLS
E =0
E =0
E =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: 2.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MSANDBERG DATE: 2007/19/07
CHECKED BY: JLAURX DATE: 2007/19/07
APPROVED BY: JLAURX DATE: 2010/11/15

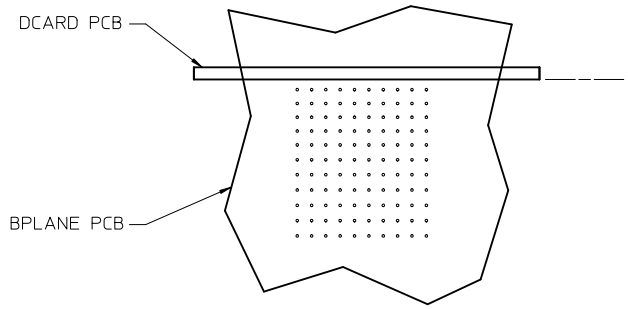
TITLE: IMPACT 4 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING

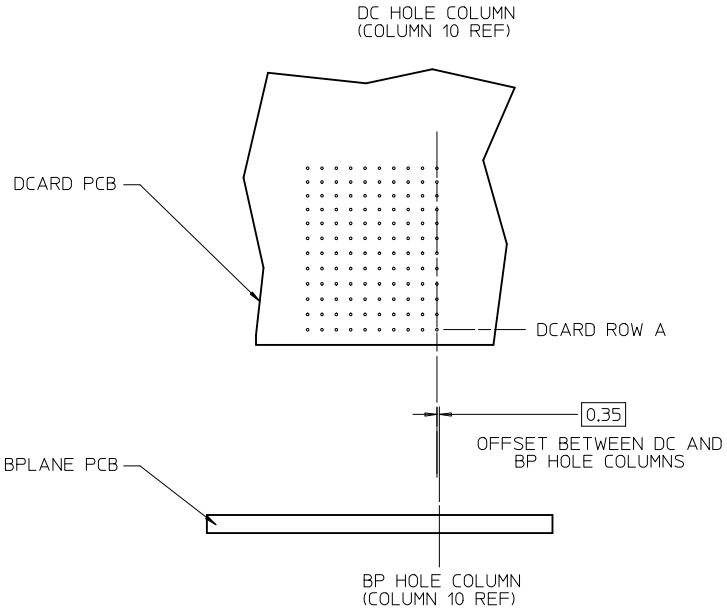
molex

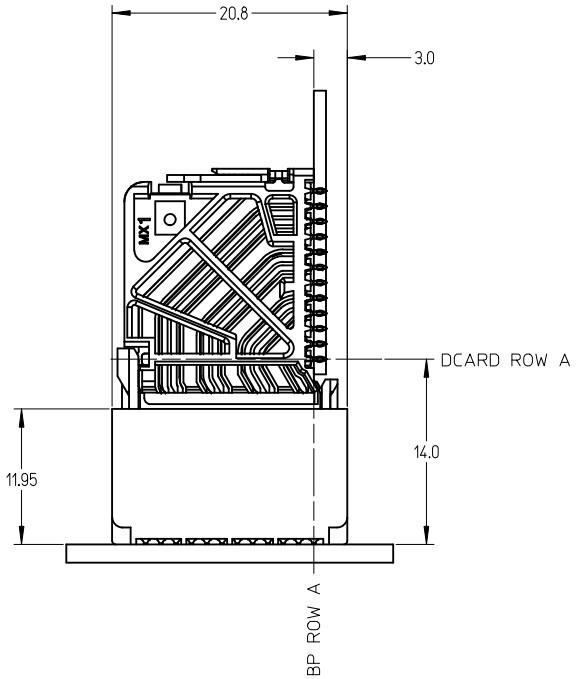
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-76155-001
SHEET NO.: 2 OF 3
SIZE: C

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

IMPACT 4 PAIR BOARD RELATIONSHIPS







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

QUALITY SYMBOLS
E =0
E =0
E =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: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MSANDBERG DATE: 2007/19/07
CHECKED BY: JLAURX DATE: 2007/19/07
APPROVED BY: JLAURX DATE: 2010/11/15

TITLE: IMPACT 4 PAIR HEADER UNGUIDED ASSEMBLY SALES DRAWING

molex

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-76155-001
SHEET NO.: 3 OF 3
SIZE: C

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