

- NOTES:**
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP) GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 - FINISH: 30μ INCH MIN GOLD IN CONTACT AREA, SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
 - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 - CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 - "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 STACK TOGETHER, USE A 1.9mm PROGRESSION."
 - SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 - FOR GROUNDED GUIDE PINS USE $\varnothing 3.56 \pm 0.08$ (PTH), $\varnothing 3.66$ (DRILL) & $\varnothing 6.5$ (PAD).
 - MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm.
 - REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 - PARTS PACKAGED PER PK-70873-759.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
MIGRATED TO NX EC NO: 168852 DRWN: NVELUSAMY CHKD: CD REV / APPR: GGA	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE							
	ANGULAR TOL ± 2.0 °		MM	4:1							
	4 PLACES ±	DRWN BY	DATE		IMPACT 5-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING						
	3 PLACES ±	JBINGHAM	2010/05/19								
	2 PLACES ± 0.13	CHKD BY	DATE		PRODUCT CUSTOMER DRAWING						
	1 PLACE ± 0.25	JLAURX	2010/05/19								
	0 PLACES ±	APPR BY	DATE		SERIES MATERIAL NUMBER CUSTOMER 170475 SEE TABLE GENERAL MARKET						
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	JLAURX	2013/05/21								
	DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER SD-170475-0002 PSD 001 1 OF 3						
	C										

PART NUMBER LOGIC

170475-****

MODULE TYPE

- 3 = GUIDE LEFT, MATTE TIN
- 7 = GUIDE LEFT END WALL, MATTE TIN

OF COLUMNS

- 1 = 10 COL
- 2 = 12 COL
- 6 = 16 COL
- 8 = 8 COL

P=PIN LENGTH

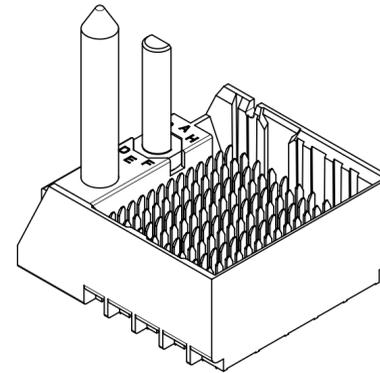
- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION

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

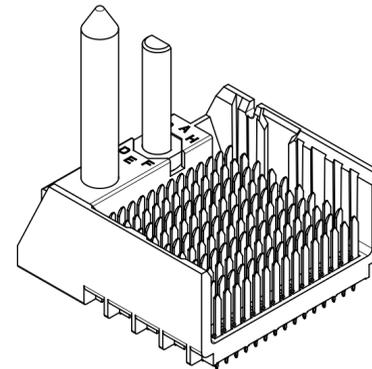
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM. A	DIM. B	GUIDE LEFT END WALL OPTION
170475-78**	8	40	23.1	13.30	
170475-71**	10	50	26.9	17.10	
170475-72**	12	60	30.7	20.90	
170475-76**	16	80	38.3	28.50	



GUIDE LEFT
END WALL
OPTION

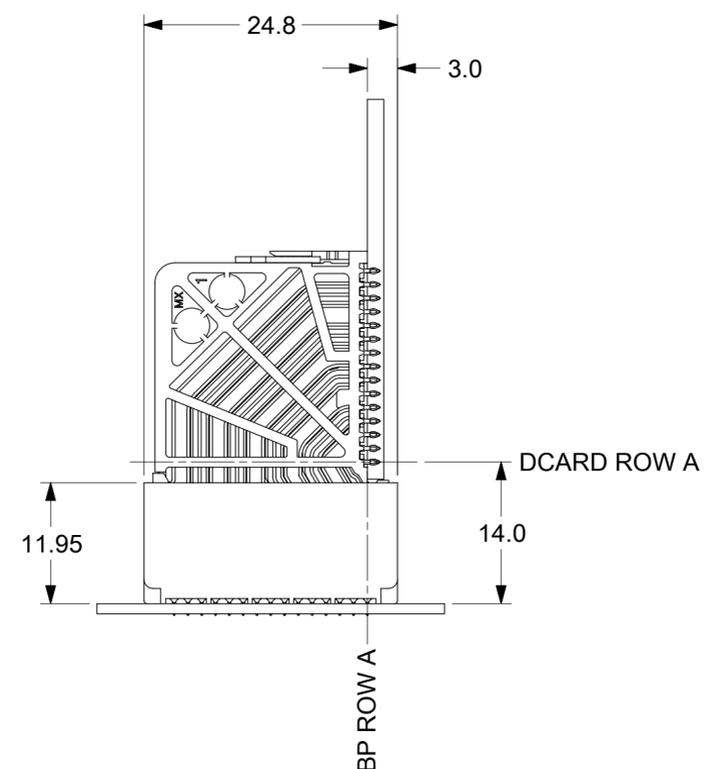
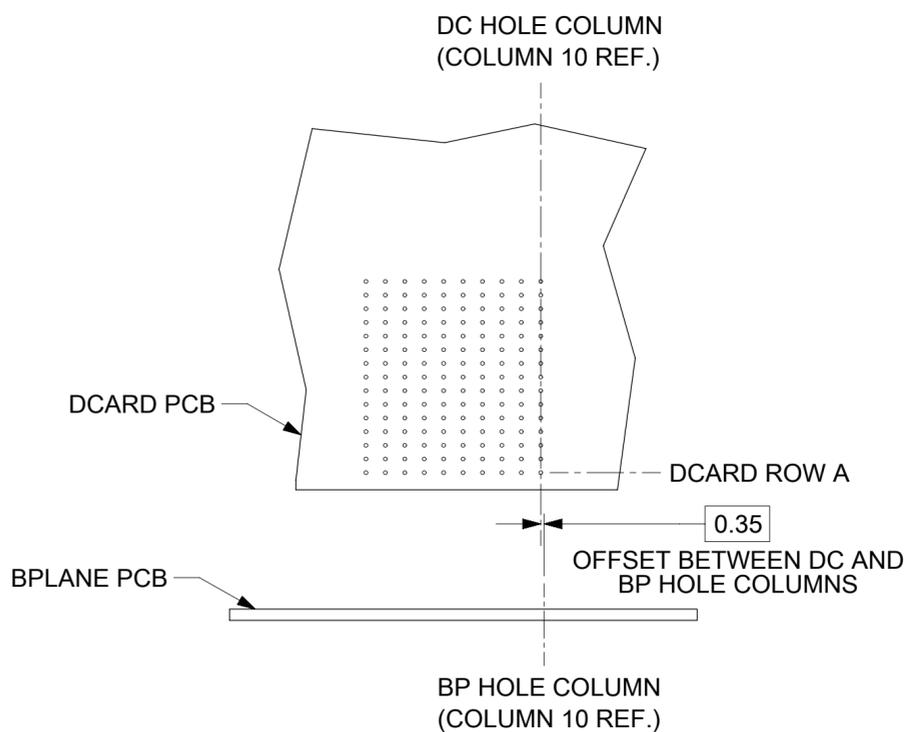
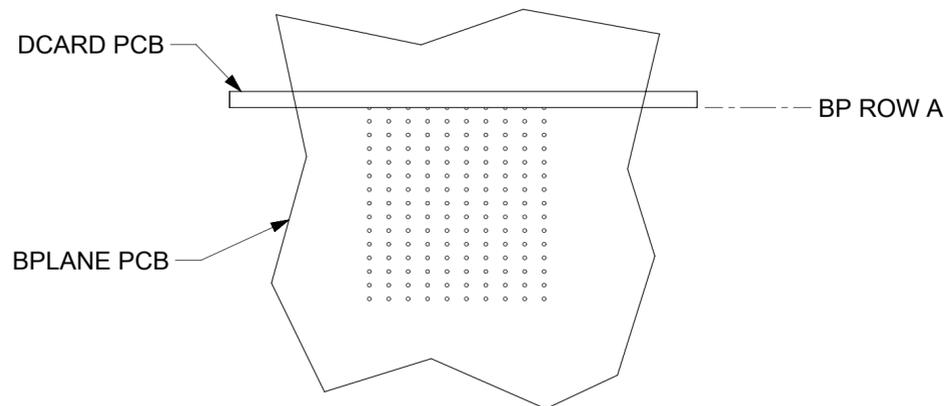
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM. A	DIM. B	GUIDE LEFT OPEN WALL OPTION
170475-38**	8	40	21.7	13.30	
170475-31**	10	50	25.5	17.10	
170475-32**	12	60	29.3	20.90	
170475-36**	16	80	36.9	28.50	



GUIDE LEFT
OPEN WALL
OPTION

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MIGRATED TO NX EC NO: 168852 DRWN: NVELUSAMY CHKD: CD REV / APPR: GGA	2017/10/25	2017/11/30	2017/12/01	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE	molex			
	ANGULAR TOL ± 2.0 °		MM	2:1	DRWN BY		DATE				
	4 PLACES	±	JBINGHAM	2010/05/19	IMPACT 5-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING						
	3 PLACES	±	CHKD BY	DATE	PRODUCT CUSTOMER DRAWING						
	2 PLACES	± 0.13	JLAURX	2010/05/19	SERIES	MATERIAL NUMBER	CUSTOMER	GENERAL MARKET			
1 PLACE	± 0.25	JLAURX	2013/05/21	170475	SEE TABLE	GENERAL MARKET					
0 PLACES	±	DRAWING SIZE		THIRD ANGLE PROJECTION	DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		C	C		SD-170475-0002	PSD	001	2 OF 3			

IMPACT 5 PAIR BOARD RELATIONSHIPS



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MIGRATED TO NX EC NO: 168852 DRWN: NVELUSAMY CHKD: CD REV / APPR: GGA	2017/10/25		2017/11/30		2017/12/01		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS: MM		SCALE: 3:1		molex IMPACT 5-PAIR 85-OHM LEFT GUIDED BACKPLANE SALES ASSEMBLY DRAWING					
	4 PLACES		±		ANGULAR TOL ± 2.0 °		DRWN BY: JBINGHAM		DATE: 2010/05/19		PRODUCT CUSTOMER DRAWING							
	3 PLACES		±		1 PLACE		± 0.13		CHKD BY: JLAURX					DATE: 2010/05/19		SERIES: 170475	MATERIAL NUMBER: SEE TABLE	
	2 PLACES		±		0 PLACES		± 0.25		APPR BY: JLAURX		DATE: 2013/05/21		DRAWING SIZE: C	THIRD ANGLE PROJECTION		DOCUMENT NUMBER: SD-170475-0002	DOC TYPE: PSD	DOC PART: 001