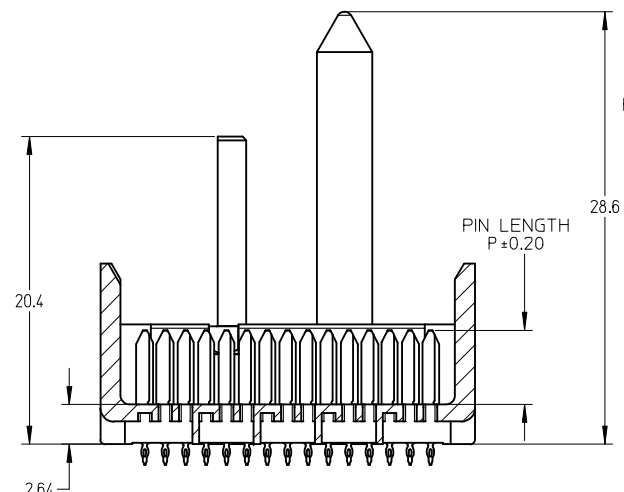
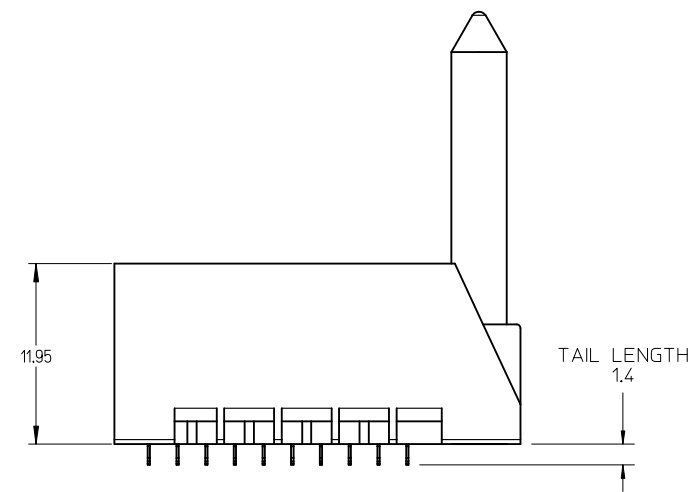
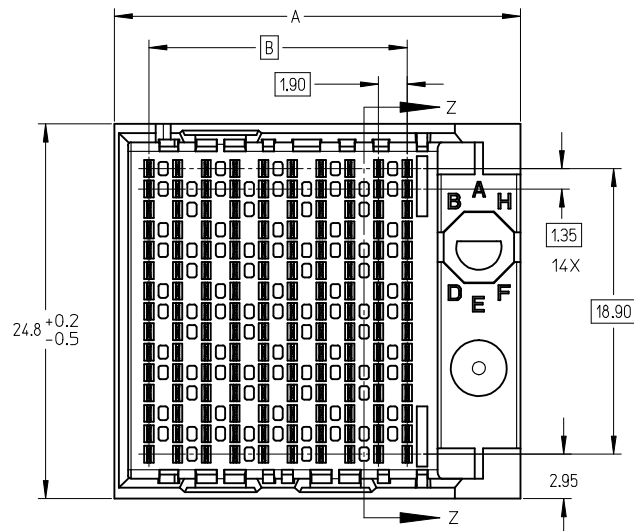
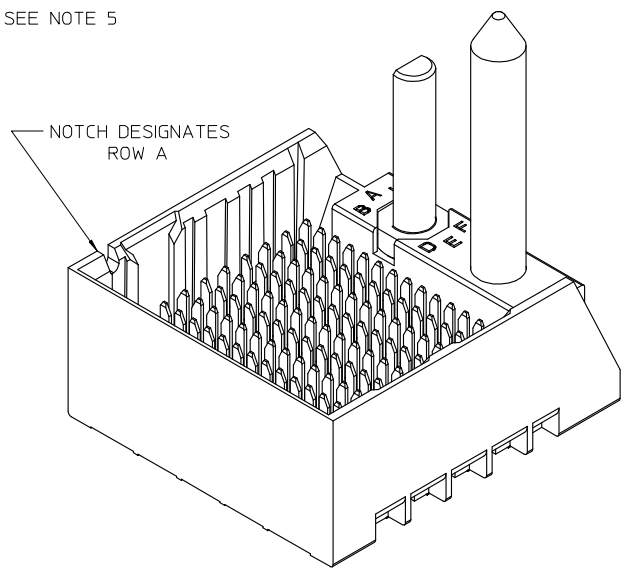
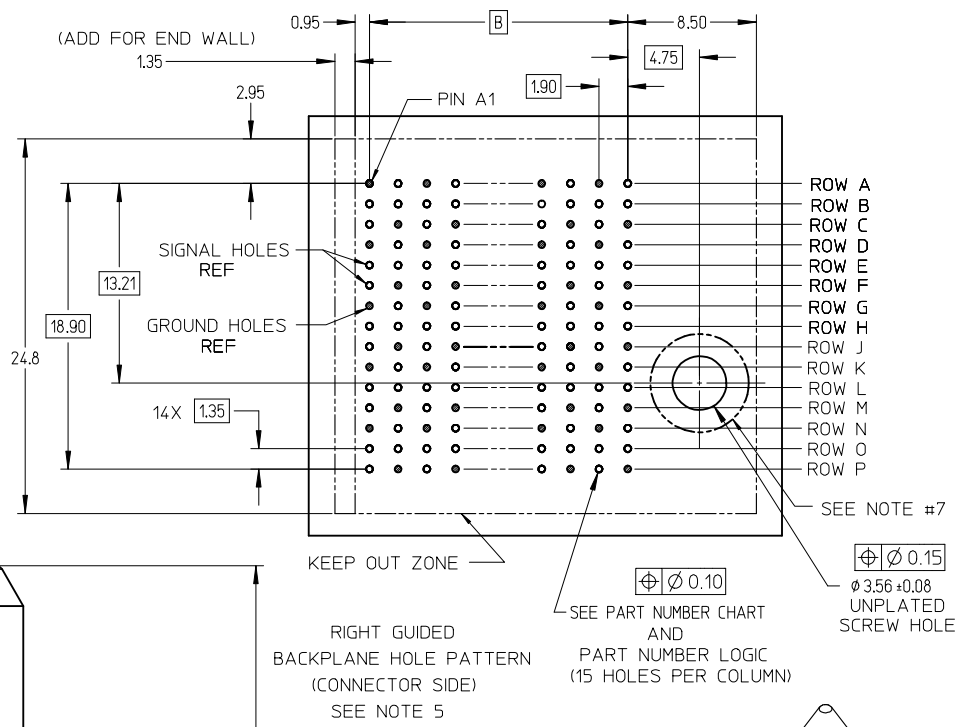




SECTION Z-Z



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µ INCH MIN GOLD IN CONTACT AREA, SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 4. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 5. *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."
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE $\phi 3.56 \pm 0.08$ (PTH), $\phi 3.66$ (DRILL) & $\phi 6.5$ (PAD).
 8. MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm.
 9. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 10. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
 11. PARTS PACKAGED PER PK-70873-759.

ADD 8 COL P/NS EC NO: UCP2017-0603 DRWN:DMORGAN CHKD: APPR:TELO D2	2016/11/07 2016/12/06 DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY JBINGHAM	DATE 2010/05/19	TITLE IMPACT 5-PAIR 85-OHM RIGHT GUIDED BACKPLANE SALES ASSEMBLY DRAWING molex SD-170475-0003	DOCUMENT NO.	SHEET NO. 1 OF 3
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2010/05/19			
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2013/05/21			
			2 PLACES	± 0.13	± ---	MATERIAL NO.				
			1 PLACE	± 0.25	± ---	SEE TABLE				
			0 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

PART NUMBER LOGIC

170475-****

MODULE TYPE

5 = GUIDE RIGHT, MATTE TIN

9 = GUIDE RIGHT END WALL, MATTE TIN

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)

OF COLUMNS

1 = 10 COL

2 = 12 COL

6 = 16 COL

8 = 8 COL

KEY ORIENTATION

0 = NO KEY

1 = A

2 = B

3 = C

4 = D

5 = E

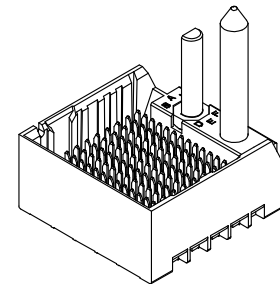
6 = F

7 = G

8 = H

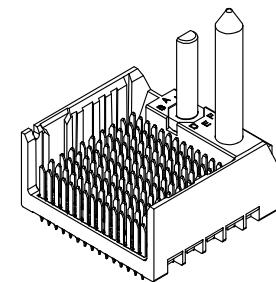
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT END WALL OPTION
170475-98**	8	40	23.1	13.30	
170475-91**	10	50	26.9	17.10	
170475-92**	12	60	30.7	20.90	
170475-96**	16	80	38.3	28.50	



GUIDE RIGHT
END WALL OPTION

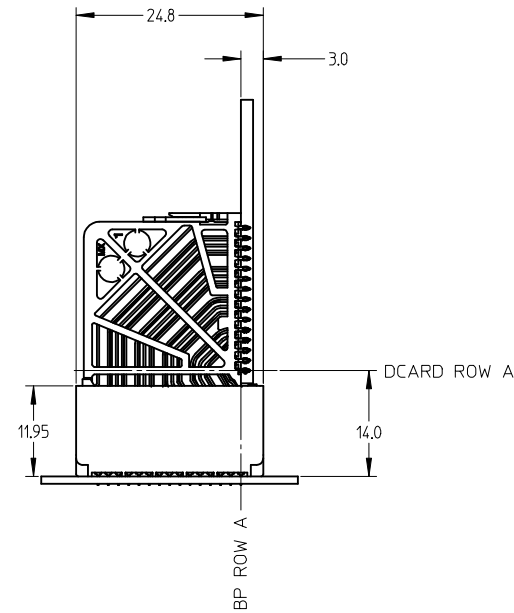
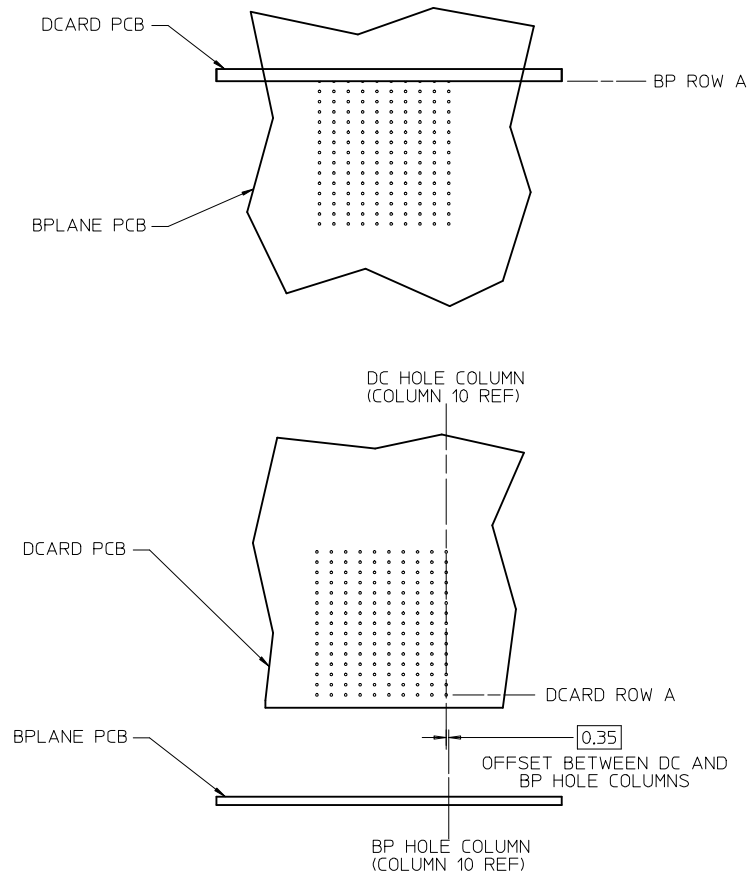
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT OPEN WALL OPTION
170475-58**	8	40	21.7	13.30	
170475-51**	10	50	25.5	17.10	
170475-52**	12	60	29.3	20.90	
170475-56**	16	80	36.9	28.50	



GUIDE RIGHT
OPEN WALL OPTION

SEE SHEET 1 EC NO: UCP2017-0603 DRAWN:MORGAN CHKD: APPR:TELO	DESCRIPTION 2016/11/07 2016/12/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION IMPACT 5-PAIR 85-OHM RIGHT GUIDED BACKPLANE SALES ASSEMBLY DRAWING molex	
				mm	INCH	DRAWN BY JB INGHAM	DATE 2010/05/19	TITLE		
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2010/05/19			
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2013/05/21			
			2 PLACES	± 0.13	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			1 PLACE	± 0.25	± ---	SEE TABLE		SD-170475-0003		2 OF 3
			0 PLACE	± ---	± ---	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
D2	REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

IMPACT 5 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2017-0603 DRAWN:DMORGAN 2016/11/07 CHKD: APPR:TELO 2016/12/06	DESCRIPTION REV	QUALITY SYMBOLS   	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 5-PAIR 85-OHM RIGHT GUIDED BACKPLANE SALES ASSEMBLY DRAWING molex	DOCUMENT NO. SD-170475-0003	SHEET NO. 3 OF 3
					mm	INCH	DRAWN BY JB INGHAM	DATE 2010/05/19						
			4 PLACES	± ---	± ---	CHECKED BY JLAURX	DATE 2010/05/19							
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2013/05/21							
			2 PLACES	± 0.13	± ---									
			1 PLACE	± 0.25	± ---									
			0 PLACE	± ---	± ---									
			ANGULAR ± 2 °			MATERIAL NO.								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE								
						SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						