



DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
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	mm		4:1									
	GENERAL TOLERANCES (UNLESS SPECIFIED)							IMPACT 6 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL GUIDE LEFT SALES DWG				
	ANGULAR TOL ± 0.5 °							PRODUCT CUSTOMER DRAWING				
	4 PLACES		±		DOCUMENT NUMBER				DOC TYPE		DOC PART	REVISION
	3 PLACES		±		SD-170540-0002				PSD		001	C1
	2 PLACES		± 0.13		MATERIAL NUMBER				CUSTOMER		SHEET NUMBER	
	1 PLACE		± 0.25									
0 PLACES		±		DRAWING		SERIES		SEE TABLE		GENERAL MARKET		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		C-SIZE		170540		1 OF 2		

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN MIN GOLD IN CONTACT AREA, SELECTIVE TIN
ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS
AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-589.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170535-0002 AND RSD-170532-XXXX FOR THE
MATING HEADERS.
8. REFER TO MOLEX ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO PRESENCE
OF PLUS CLIP.
10. PART NUMBER 170540-3720 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
11. MINIMUM BOARD THICKNESS IS 1.0 mm FOR COMPLIANT PIN FUNCTIONALITY.
12. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50 NOMINAL
THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4 mm.
13. MARKING: LOCATED APPROXIMATELY AS SHOWN, PART NUMBER, DATE CODE, AND SERIAL NUMBER.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
173120-3*08	8	48	22.80	13.30	0.46 ±0.05
173120-3*10	10	60	26.60	17.10	
173120-3*16	16	96	38.00	28.50	
173120-3*38	8	48	22.80	13.30	0.39 ±0.05
173120-3*20	10	60	26.60	17.10	
173120-3*26	16	96	38.00	28.50	

173120-3***

MODULE & TAIL PLATING TYPE
3 = LEFT 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
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
38 = 08 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2015-3240 DRAWN:MKRAUSE CHKD: APPR:TELO	2015/02/09 2015/03/02	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
			 =0 =0 =0		mm	INCH	DRAWN BY MKRAUSE		DATE 2015/02/09	TITLE IMPACT 6 PAIR PLUS 850HM DC SIGNAL MAPS GUIDE LEFT SALES DWG molex				
				4 PLACES	±	---	±	---	CHECKED BY				DATE	
				3 PLACES	±	---	±	---	APPROVED BY TELO				DATE 2015/03/02	
				2 PLACES	±	0.13	±	---						
				1 PLACE	±	0.25	±	---						
			0 PLACE	±		±		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ±1/2°			SEE CHART		SD-173120-0002		2 OF 2	
			SIZE C										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

IMPACT 6 PAIR PLUS 850HM
DC SIGNAL MAPS
GUIDE LEFT SALES DWG

molex