

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

KEY SHOWN IN POSITION "G"

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 30MN MIN SELECTIVE 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-70873-591.
  6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  7. REFER TO MOLEX SALES DRAWING SD-170525-0003 OR RSD-170522-XXXX FOR THE MATING HEADERS.
  8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTIPAD AND ROUTING RECOMMENDATIONS.
  9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO PRESENCE OF PLUS CLIP.
  10. PART NUMBER 170530-5720 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
  11. MINIMUM BOARD THICKNESS OF 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY
  12. WHEN USING MOLEX SUPPLIED # 2-32 SCREW 73726-0005 (7.62 +0.38/-0.76 THREADABLE SCREW LENGTH), THE FUNCTIONAL BOARD THICKNESS IS 1.9mm TO 2.5mm.

RMWD OAL REF DIM EC NO: UCP2013-4678 DRAWN:PREMO 2013/04/26 CHKD:TELO 2013/04/26 APPR:TELO 2013/05/09	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	DATE	TITLE	IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG		
B1	DESCRIPTION	4 PLACES ± --- ± ---	TELO	2010/05/12	MOLEX MOLEX INCORPORATED	SD-170530-0004			
		3 PLACES ± --- ± ---	CHECKED BY	DATE		DOCUMENT NO.	SHEET NO.		
		2 PLACES ± 0.13 ± ---	TELO	2012/02/20	SD-170530-0004				
		1 PLACE ± 0.25 ± ---	APPROVED BY	DATE	SD-170530-0004				
		ANGULAR ± 1/2°	JB INGHAM	2012/03/12	SD-170530-0004				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	ESD GUIDE	DIM "A" MAX	DIM "B"	PTH $\phi$
170530-5*08	8	24	NO	22.80	13.30	0.46 ±0.05
170530-5*10	10	30	NO	26.60	17.10	
170530-5*12	12	36	NO	30.40	20.90	
170530-5*16	16	48	NO	38.00	28.50	
170530-5*38	8	24	NO	22.80	13.30	0.39 ±0.05
170530-5*20	10	30	NO	26.60	17.10	
170530-5*22	12	36	NO	30.40	20.90	
170530-5*26	16	48	NO	38.00	28.50	

170530-5\*\*\*

MODULE & TAIL PLATING TYPE  
5 = RIGHT 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  
12 = 12 COL 0.46 PTH  
16 = 16 COL 0.46 PTH  
20 = 10 COL 0.39 PTH  
22 = 12 COL 0.39 PTH  
26 = 16 COL 0.39 PTH  
38 = 8 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2013-4678 DRAWN:PREMO 2013/04/26 CHKD:TELO 2013/04/26 APPR:TELO 2013/05/09	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE TELO 2010/05/12	TITLE <b>IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG</b>			
	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE TELO 2012/02/20				
	▽=0	2 PLACES ± 0.13 ± ---	APPROVED BY DATE JB INGHAM 2012/03/12	 <b>MOLEX INCORPORATED</b> MATERIAL NO. <b>SEE CHART</b> DOCUMENT NO. <b>SD-170530-0004</b> SHEET NO. <b>2 OF 2</b>			
▽=0	1 PLACE ± 0.25 ± ---	ANGULAR ± 1/2°					
REV <b>B1</b>	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE <b>C</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			