



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µM 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-70873-611.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-170475-0003 OR RSD-170472-XXXX FOR THE MATING HEADERS.
 8. REFER TO MOLEX PCB MOUNTING 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 170480-5120 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 4.4mm.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

ADD 8 COL P/NS EC NO: UCP2017-0603 DRWN:MORGAN 2016/11/09 CHKD:TIBARRA 2016/11/09 APPR:TELO 2016/12/06	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY TELO	DATE 2010/05/12	IMPACT 5 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG			
REV B2	DESCRIPTION	4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2010/05/30	molex		
		3 PLACES	± ---	± ---	APPROVED BY TELO	DATE 2012/08/08			
		2 PLACES	± 0.13	± ---			DOCUMENT NO. SD-170480-0004		SHEET NO. 1 OF 2
		1 PLACE	± 0.25	± ---			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		0 PLACE	±	±					
		ANGULAR ±1/2°		MATERIAL NO. SEE TABLE					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C					

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
170480-5*08	8	40	22.80	13.30	0.46 ± 0.05
170480-5*10	10	50	26.60	17.10	
170480-5*12	12	60	30.40	20.90	
170480-5*16	16	80	38.00	28.50	
170480-5*38	8	40	22.80	13.30	0.39 ± 0.05
170480-5*20	10	50	26.60	17.10	
170480-5*22	12	60	30.40	20.90	
170480-5*26	16	80	38.00	28.50	

170480-5***

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDED, LEAD-FREE

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

POLARIZATION KEY ORIENTATION

0 = NO KEY

1 = A

2 = B

3 = C

4 = D

5 = E

6 = F

7 = G

8 = H

38 = 8 COL 0.39 PTH
20 = 10 COL 0.39 PTH
22 = 12 COL 0.39 PTH
26 = 16 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2017-0603 DRWN:MORGAN 2016/11/09 CHKD:TIBARRA 2016/11/09 APPR:TELO 2016/12/06	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	DRAWN BY TELO	DATE 2010/05/12	TITLE IMPACT 5 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG molex DOCUMENT NO. SD-170480-0004	
		INCH	CHECKED BY TELO	DATE 2010/05/30		
		4 PLACES \pm ---	APPROVED BY TELO	DATE 2012/08/08		
	3 PLACES \pm ---	MATERIAL NO.	DATE			
	2 PLACES ± 0.13	ANGULAR $\pm 1/2^\circ$	SEE TABLE		SHEET NO. 2 OF 2	
	1 PLACE ± 0.25	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	0 PLACE \pm					