



DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µN 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-70873-611.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170475-0001 AND 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 170480-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
11. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.

ADD 8 COL P/NS EC NO: UCP2017-0603 DRAWING MORGAN 2016/11/08 CHKD: APPR:TELO	DESCRIPTION 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	TITLE IMPACT 5 PAIR PLUS 850HM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING	DOCUMENT NO. SD-170480-0001	SHEET NO. 1 OF 2
4 PLACES ± --- ± ---		TELO		CHECKED BY TELO		DATE 2010/05/30			
3 PLACES ± --- ± ---		TELO		APPROVED BY TELO		DATE 2012/08/08		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX. INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
2 PLACES ± 0.13 ± ---		TELO		MATERIAL NO.		DATE			SIZE C
1 PLACE ± 0.25 ± ---		TELO		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NO. SD-170480-0001	
0 PLACE ± ±		TELO		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NO. 1 OF 2

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
170480-1008	8	40	15.20	13.30	0.46 ± 0.05
170480-1010	10	50	19.00	17.10	
170480-1012	12	60	22.80	20.90	
170480-1016	16	80	30.40	28.50	
170480-1038	8	50	15.20	13.30	0.39 ± 0.05
170480-1020	10	50	19.00	17.10	
170480-1022	12	60	22.80	20.90	
170480-1026	16	80	30.40	28.50	

170480-10**

MODULE & TAIL PLATING TYPE

1 = UNGUIDED, 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

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 DRAWN: MORGAN 2016/11/08 CHKD: 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 INCH	DRAWN BY DATE TELO 2010/05/12	TITLE IMPACT 5 PAIR PLUS 850HM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING molex MATERIAL NO. SD-170480-0001 SHEET NO. 2 OF 2		
		4 PLACES \pm --- \pm ---	CHECKED BY DATE TELO 2010/05/30			
		3 PLACES \pm --- \pm ---	APPROVED BY DATE TELO 2012/08/08			
	2 PLACES ± 0.13 \pm ---					
		1 PLACE ± 0.25 \pm ---				
		0 PLACE \pm \pm ---				
		ANGULAR $\pm 1/2^\circ$				
		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		