



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µN 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-170525-0001 OR RSD-170522-XXXX FOR THE
MATING HEADERS.
 8. REFER TO MOLEX PCB 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 170530-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
 11. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.

DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

RWD OAL REF DIM EC NO: UCP2013-4678 DRAWN:PREMO 2013/04/26 CHKD:TELO 2013/04/26 APPR:TELO 2013/05/09 REV: B1	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 1/2°	DIMENSION STYLE MM ONLY DRAWN BY DATE TELO 2010/05/12 CHECKED BY DATE TELO 2012/02/17 APPROVED BY DATE JB INGHAM 2012/03/12	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDED SALES DRAWING	MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-170530-0001	SHEET NO. 1 OF 2
		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	DIM "A" MAX	DIM "B"	PTH ϕ
170530-1008	8	24	15.20	13.30	0.46 +0.05
170530-1010	10	30	19.00	17.10	
170530-1012	12	36	22.80	20.90	
170530-1016	16	48	30.40	28.50	
170530-1038	8	24	15.20	13.30	0.39 +0.05
170530-1020	10	30	19.00	17.10	
170530-1022	12	36	22.80	20.90	
170530-1026	16	48	30.40	28.50	

170530-10**

MODULE & TAIL PLATING TYPE — # OF COLUMNS
 1 = UNGUIDED, LEAD-FREE

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

ENTER DESCRIPTION EC NO: UCP2013-4678 DRWN:PREMO CHKD:TELO APPR:TELO B1	2013/04/26 2013/04/26 2013/05/09	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH	MM ONLY	4:1	METRIC	
			4 PLACES \pm --- \pm --- 3 PLACES \pm --- \pm --- 2 PLACES ± 0.13 \pm --- 1 PLACE ± 0.25 \pm --- ANGULAR $\pm 1/2^\circ$	DRAWN BY DATE TELO 2010/05/12 CHECKED BY DATE TELO 2012/02/17 APPROVED BY DATE JB INGHAM 2012/03/12	TITLE IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING	MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-170530-0001	SHEET NO. 2 OF 2		