



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 304N 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.

RMVD OAL REF DIM EC NO: UCP2013-4678 2013/04/26 CHWQ:PREMO 2013/04/26 DRKD:TELO 2013/05/09 APPR:TELO	DESCRIPTION B1	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			=0 =0 =0	4 PLACES	± mm	± INCH	DRAWN BY	DATE	TITLE IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG	
				3 PLACES	± ---	± ---	CHECKED BY	DATE		
				2 PLACES	± 0.13	± ---	TELO	2012/02/20		
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE		
			ANGULAR ±1/2°		JBINGHAM	2012/03/12	MOLEX INCORPORATED			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-170530-0004		SHEET NO. 1 OF 2	
		SIZE C	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 ϕ
170530-5*08	8	24	NO	22.80	13.30	0,46 $\pm$ 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 $\pm$ 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

DRWN:TPREMO 2013/04/26

CHKD:TELO 2013/04/26

APPR:TELO 2013/05/09

B1

QUALITY SYMBOLS

=0

=0

=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

4 PLACES $\pm$ --- $\pm$ ---

3 PLACES $\pm$ --- $\pm$ ---

2 PLACES $\pm$ 0.13 $\pm$ ---

1 PLACE $\pm$ 0.25 $\pm$ ---

ANGULAR $\pm$ 1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

TELO

DATE

2010/05/12

CHECKED BY

TELO

DATE

2012/02/20

APPROVED BY

JB INGHAM

DATE

2012/03/12

MATERIAL NO.

SEE CHART

SIZE

C

SCALE

4:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

IMPACT 3 PAIR PLUS 850HM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-170530-0004

SHEET NO.

2 OF 2

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