



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µIN 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.
 13. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX					
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex IMPACT 3 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-170530-0004 DOC TYPE: PSD DOC PART: 001 REVISION: B3 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2					
ANGULAR TOL		± 0.5°							
4 PLACES		±							
3 PLACES		±							
2 PLACES		± 0.13							
1 PLACE		± 0.25		EC NO: 612222		DRWN: BREVANSIDDAB 2018/11/26		CHK'D: TMARRI 2019/02/19	
0 PLACES		±		APPR: BOKOK 2019/02/20		INITIAL REVISION:		DRWN: JLAURX 2010/09/27	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 170530		APPR: JLAURX 2010/10/19	

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	ESD GUIDE	DIM "A" MAX	DIM "B"	PTH \varnothing
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 5 = E
2 = B 6 = F
3 = C 7 = G
4 = D 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

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DIMENSION UNITS		SCALE		CURRENT REV DESC: MIGRATED TO NX				molex	
mm		NTS							
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 612222				IMPACT 3 PAIR PLUS 85OHM	
ANGULAR TOL ± 0.5°				DRWN: BREVANSIDDAB 2018/11/26				DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG	
4 PLACES ±				CHK'D: TMARRI 2019/02/19					
3 PLACES ±				APPR: BOKOK 2019/02/20				PRODUCT CUSTOMER DRAWING	
2 PLACES ± 0.13				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE ± 0.25				DRWN: JLAURX 2010/09/27				SD-170530-0004	
0 PLACES ±				APPR: JLAURX 2010/10/19				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER	
				C-SIZE		SERIES		CUSTOMER	
				C-SIZE		170530		GENERAL MARKET	
DOCUMENT STATUS				P1		RELEASE DATE		SHEET NUMBER	
2019/02/20				10:38:16				2 OF 2	