

**DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)**

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN 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.

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		<p>IMPACT 5 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.13				EC NO: 612222		DRWN: BREVANSIDDAB 2018/11/14		<p>DOCUMENT NUMBER</p> <p>SD-170480-0001</p>	
1 PLACE ± 0.25				CHK'D: TMARRI 2019/02/19		APPR: BOKOK 2019/02/20			
0 PLACES ±				INITIAL REVISION:		DRWN: JLAURX 2010/09/28		PSD 001 B3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				C-SIZE		170480		MATERIAL NUMBER CUSTOMER SHEET NUMBER	
						SEE TABLE GENERAL MARKET		1 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/20	10:38:10
-----------------	----	--------------	------------	----------


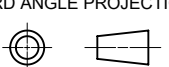
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
170480-1008	8	40	15.20	13.30	0.46 ± 0.05
170480-1010	10	50	19.00	17.10	
170480-1012	12	60	22.80	20.90	
170480-1016	16	80	30.40	28.50	
170480-1038	8	50	15.20	13.30	0.39 ± 0.05
170480-1020	10	50	19.00	17.10	
170480-1022	12	60	22.80	20.90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

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)				EC NO: 612222				IMPACT 5 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING PRODUCT CUSTOMER DRAWING	
ANGULAR TOL $\pm 0.5^\circ$				DRWN: BREVANSIDDAB 2018/11/14					
4 PLACES \pm				CHK'D: TMARRI 2019/02/19					
3 PLACES \pm				APPR: BOKOK 2019/02/20				DOCUMENT NUMBER SD-170480-0001	
2 PLACES ± 0.13				INITIAL REVISION:					
1 PLACE ± 0.25				DRWN: JLAURX 2010/09/28				DOC TYPE	
0 PLACES \pm				APPR: JLAURX 2010/10/19				DOC PART	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		REVISION	
						C-SIZE		PSD 001 B3	
						SERIES		SHEET NUMBER	
						170480		2 OF 2	
DOCUMENT STATUS		P1		RELEASE DATE		2019/02/20		10:38:10	