



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 SELECTIVE GOLD IN CONTACT AREA, SELECTIVE MATTE 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-70873-592.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-171065-0003 OR RSD-171062-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 171070-5020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
11. WHEN USING MOLEX SUPPLIED # 2-32 SCREW 73726-4000 (4.31mm±0.38
THREADABLE SCREW LENGTH), MIN. BOARD THICKNESS IS 1.6mm FOR
SCREW/BOSS FUNCTIONALITY.
12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

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		 IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG PRODUCT CUSTOMER DRAWING									
GENERAL TOLERANCES (UNLESS SPECIFIED)													
ANGULAR TOL ± 0.5°													
4 PLACES ±													
3 PLACES ±													
2 PLACES ± 0.13													
1 PLACE ± 0.25				EC NO: 612533 DRWN: JKUMARSARAFS 2018/11/21 CHK'D: TMARRI 2019/02/21 APPR: BOKOK 2019/03/01				DOCUMENT NUMBER SD-171070-0004					
0 PLACES ±				INITIAL REVISION: DRWN: KBENES 2012/02/07 APPR: KBENES 2012/02/07				DOC TYPE		DOC PART		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				C-SIZE		171070		SEE CHART		GENERAL MARKET		1 OF 2	

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
171070-5010	10	20	26.60	17.10	0.46 \pm 0.05
171070-5016	16	32	38.00	28.50	
171070-5020	10	20	26.60	17.10	0.39 \pm 0.05
171070-5026	16	32	38.00	28.50	

171070-***0****

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDED LEAD-FREE

OF COLUMNS
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 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: 612533				IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG	
ANGULAR TOL \pm 0.5°				DRWN: JKUMARSARAFS 2018/11/21					
4 PLACES \pm				CHK'D: TMARRI 2019/02/21				PRODUCT CUSTOMER DRAWING	
3 PLACES \pm				APPR: BOKOK 2019/03/01					
2 PLACES \pm 0.13				INITIAL REVISION:				DOCUMENT NUMBER SD-171070-0004	
1 PLACE \pm 0.25				DRWN: KBENES 2012/02/07					
0 PLACES \pm				APPR: KBENES 2012/02/07				DOC TYPE PSD	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING C-SIZE		SERIES 171070	
DOCUMENT STATUS		P1		RELEASE DATE		2019/03/01 07:25:47		MATERIAL NUMBER SEE CHART	
								CUSTOMER GENERAL MARKET	
								SHEET NUMBER 2 OF 2	