



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.

**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		<p>IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-171070-0004 DOC TYPE: PSD DOC PART: 001 REVISION: A2</p> <p>MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 2</p>					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL ± 0.5°									
4 PLACES ±									
3 PLACES ±									
2 PLACES ± 0.13									
1 PLACE ± 0.25									
0 PLACES ±				INITIAL REVISION:					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES	
				C-SIZE		171070			

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	
ANGULAR TOL \pm 0.5°				DRWN: JKUMARSARAFS 2018/11/21				2 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG	
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	
1 PLACE \pm 0.25				DRWN: KBENES 2012/02/07				SD-171070-0004	
0 PLACES \pm				APPR: KBENES 2012/02/07				DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SHEET NUMBER	
						C-SIZE		2 OF 2	
				SERIES		MATERIAL NUMBER		CUSTOMER	
				171070		SEE CHART		GENERAL MARKET	

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/01 07:25:47
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