



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN
ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 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-76165-001 FOR THE MATING HEADERS AND
SD-76410-001 FOR THE MATING RAM CONNECTORS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
 9. PART NUMBER 76170-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
 10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
 11. 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 100 OHM DC 3 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-76170-001 DOC TYPE: PSD DOC PART: 001 REVISION: E4</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				EC NO: 622030		DRWN: SKRISHNAMU01 2019/07/22		CHK'D: PRAMASWAMY 2019/08/07	
0 PLACES ±				APPR: SHONG 2019/08/08		INITIAL REVISION:		DRWN: MCARRANZA 2007/07/19	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING: C-SIZE		SERIES: 76170	

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
76170-*006	6	18	11.40	9.50	0.46 \pm 0.05
76170-*008	8	24	15.20	13.30	
76170-*010	10	30	19.00	17.10	
76170-*016	16	48	30.40	28.50	
76170-*036	6	18	11.40	9.50	0.39 \pm 0.05
76170-*038	8	24	15.20	13.30	
76170-*020	10	30	19.00	17.10	
76170-*026	16	48	30.40	28.50	

76170-*0**

1 = OPEN LEAD-FREE

OF COLUMNS
 06 = 6 COL 0.46 PTH
 08 = 8 COL 0.46 PTH
 10 = 10 COL 0.46 PTH
 16 = 16 COL 0.46 PTH
 20 = 10 COL 0.39 PTH
 26 = 16 COL 0.39 PTH
 36 = 6 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: 622030				IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING	
ANGULAR TOL \pm 0.5°				DRWN: SKRISHNAMU01 2019/07/22					
4 PLACES \pm				CHK'D: PRAMASWAMY 2019/08/07					
3 PLACES \pm				APPR: SHONG 2019/08/08				PRODUCT CUSTOMER DRAWING	
2 PLACES \pm 0.13				INITIAL REVISION:				DOCUMENT NUMBER	
1 PLACE \pm 0.25				DRWN: MCARRANZA 2007/07/19				SD-76170-001	
0 PLACES \pm				APPR: JLAURX 2008/02/05				DOC TYPE DOC PART REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		MATERIAL NUMBER	
						C-SIZE		CUSTOMER	
						SERIES		SHEET NUMBER	
						76170		SEE CHART GENERAL MARKET 2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2019/08/08 22:00:45
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