



- 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-76060-999 FOR PERFORMANCE SPECIFICATIONS  
AND ADDITIONAL PCB INFORMATION.
  4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
  5. PRODUCT IS PACKAGED PER PK-70873-610.
  6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  7. REFER TO MOLEX SALES DRAWING SD-76155-001 FOR THE MATING HEADERS AND  
SD-76500-001 FOR THE MATING RAM CONNECTORS.
  8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING  
RECOMMENDATIONS.
  9. PART NUMBER 76160-1020 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.

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)		<p><b>molex</b></p> <p>IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p>	
ANGULAR TOL	± 0.5°		
4 PLACES	±		
3 PLACES	±		
2 PLACES	± 0.13		
1 PLACE	± 0.25		
0 PLACES	±	<p>EC NO: 622030</p> <p>DRWN: SKRISHNAMU01 2019/07/29</p> <p>CHK'D: PRAMASWAMY 2019/08/07</p> <p>APPR: SHONG 2019/08/08</p>	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<p>INITIAL REVISION:</p> <p>DRWN: JLAURX 2006/12/14</p> <p>APPR: JLAURX 2007/07/11</p>	
THIRD ANGLE PROJECTION		DRAWING	SERIES
		C-SIZE	76160
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76160-001	PSD	001	G3
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE CHART	GENERAL MARKET	1 OF 2	

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH $\phi$
76160-*006	6	24	11.40	9.50	0.46 $\pm 0.05$
76160-*008	8	32	15.20	13.30	
76160-*010	10	40	19.00	17.10	
76160-*016	16	64	30.40	28.50	
76160-*036	6	24	11.40	9.50	0.39 $\pm 0.05$
76160-*038	8	32	15.20	13.30	
76160-*020	10	40	19.00	17.10	
76160-*026	16	64	30.40	28.50	

76160-\*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  
 38 = 8 COL 0.39 PTH  
 36 = 6 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		<b>molex</b>			
mm	NTS						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 622030		IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE UNGUIDED SALES DRAWING			
ANGULAR TOL	$\pm 0.5^\circ$	DRWN: SKRISHNAMU01	2019/07/29				
4 PLACES	$\pm$	CHK'D: PRAMASWAMY	2019/08/07	PRODUCT CUSTOMER DRAWING			
3 PLACES	$\pm$	APPR: SHONG	2019/08/08				
2 PLACES	$\pm 0.13$	INITIAL REVISION:		DOCUMENT NUMBER <b>SD-76160-001</b>			
1 PLACE	$\pm 0.25$	DRWN: JLAURX	2006/12/14				
0 PLACES	$\pm$	APPR: JLAURX	2007/07/11	DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			C-SIZE	76160	SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/08/08 22:00:43
-----------------	----	--------------	---------------------