



DAUGHTERCARD HOLE PATTERN  
(CONNECTOR SIDE)

#### NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µN MIN 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-70873-610.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76155-002 FOR THE MATING HEADERS AND  
SD-76500-004 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING  
RECOMMENDATIONS.
9. PART NUMBER 76160-3120 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE  
WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm ±0.38  
THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4mm.
12. MARKING: LOCATED APPROXIMATELY AS SHOWN, PART NUMBER AND DATE CODE.

ADD LASER MARK INFO EC NO: UCP2016-3973 DRWNG: DARVARA CHKD: TELO APPR: TELO	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ □			
					DRAWN BY JLAURX	DATE 2008/03/03	TITLE IMPACT 100 OIHM DC 4 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG  <b>molex</b>					
					CHECKED BY TELO	DATE 2008/03/03						
					APPROVED BY JLAURX	DATE 2010/09/15						
					MATERIAL NO.	DOCUMENT NO.						SHEET NO.
					SEE CHART							SD-76160-002
			ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
			REV									
H2												

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH $\phi$
76160-**-06	6	24	19.00	9.50	0.46 $\pm 0.05$
76160-**-08	8	32	22.80	13.30	
76160-**-10	10	40	26.60	17.10	
76160-**-16	16	64	38.00	28.50	
76160-**-36	6	24	19.00	9.50	0.39 $\pm 0.05$
76160-**-38	8	32	22.80	13.30	
76160-**-20	10	40	26.60	17.10	
76160-**-26	16	64	38.00	28.50	

76160-\*\*\*\*

MODULE AND TAIL PLATING TYPE  
3 = LEFT GUIDED LEAD-FREE

POLARIZATION KEY ORIENTATION  
0 = NO KEY  
1 = A      5 = E  
2 = B      6 = F  
3 = C      7 = G  
4 = D      8 = H

# 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

SEE SHEET 1 EC NO: UCP2016-3973 DRWN:DVARVARA 2015/07/28 CHKD:TELO 2016/02/22 APPR:TELO 2016/04/20  H2	DESCRIPTION REV	QUALITY SYMBOLS  <div>▽=0</div> <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY JLAURX	DATE 2008/03/03	TITLE IMPACT 100 OIHM DC 4 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG <b>molex</b>	DOCUMENT NO. SD-76160-002	SHEET NO. 2 OF 2
			4 PLACES	± ---	± ---	CHECKED BY TELO	DATE 2008/03/03			
			3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2010/09/15			
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART				
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			0 PLACE	±	±	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

76160-3060