



DAUGHTERCARD HOLE PATTERN  
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
2. FINISH: 30μm MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS. NICKEL OVERLAY.
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 ANTI PAD 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		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	PROJECTION	
EC NO: UC2016-3973	DRAWN/DRAFTED BY JLAURX		mm	INCH	DRAWN BY JLAURX	DATE 2008/03/03				
REV H2	CHKD:TELO	APPR:TELO	4 PLACES	±---	±---	CHECKED BY TELO	DATE 2008/03/03	IMPACT 100 OIHM DC		
			3 PLACES	±---	±---	APPROVED BY JLAURX	DATE 2010/09/15	4 PAIR SIGNAL MODULE		
			2 PLACES	± 0.13	± 0.05			GUIDE LEFT SALES DWG		
			1 PLACE	± 0.25	± 0.10			molex		
			0 PLACE	±	±					
ANGULAR ±1/2°			DRAFT WHERE APPLICABLE		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-76160-002	SHEET NO. 1 OF 2		
			MUST REMAIN WITHIN DIMENSIONS		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH Ø
76160-**06	6	24	19.00	9.50	0.46 ±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 ±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: UCF2016-3973  
DRAWN BY: ARIVARAJA  
CHKD: TEO  
APPR: TEO  
REV: H2  
H2

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY JLAURX 2008/03/03	DATE 2008/03/03	TITLE IMPACT 100 OHM DC 4 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG
	mm	INCH			
▽ = 0	4 PLACES	± ---	± ---		
▽ = 0	3 PLACES	± ---	± ---		
▽ = 0	2 PLACES	± 0.13	± ---	TELO	2008/03/03
▽ = 0	1 PLACE	± 0.25	± ---		
▽ = 0	0 PLACE	±	±	JLAURX	2010/09/15
ANGULAR ±1/2°					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
MATERIAL NO. SEE CHART	DOCUMENT NO. SD-76160-002	SHEET NO. 2 OF 2			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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