

DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30HMN 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-70873-591.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76165-003 FOR THE MATING HEADERS AND
SD-76410-002 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTI PAD AND ROUTING
RECOMMENDATIONS.
9. PART NUMBER 76170-5720 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 73726-0005 (7.62mm +0.38/-0.76
THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS RANGE
IS 1.9 mm TO 2.5 mm.

ADD 14 COL OPTION EC NO: UCP2016-0079 DRWING MILLER 2015/07/07 CHKD: APPR: TELO 2015/07/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$\nabla=0$	mm	INCH	DRAWN BY JLAURX	DATE 2008/01/29	IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG molex SD-76170-004 SHEET NO. 1 OF 2		
	$\nabla=0$	4 PLACES ± ---	± ---	CHECKED BY TELO	DATE 2008/01/29			
	$\nabla=0$	3 PLACES ± ---	± ---	APPROVED BY JLAURX	DATE 2008/01/29			
		2 PLACES ± 0.13	± ---	MATERIAL NO. SEE CHART				
	1 PLACE ± 0.25	± ---	DOCUMENT NO. SD-76170-004					
	0 PLACE ±	±	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
76170-***6	6	18	19.00	9.50	0.46 ± 0.05
76170-***8	8	24	22.80	13.30	
76170-***0	10	30	26.60	17.10	
76170-***4	14	42	34.20	24.70	
76170-***6	16	48	38.00	28.50	
76170-***6	6	18	19.00	9.50	0.39 ± 0.05
76170-***8	8	24	22.80	13.30	
76170-***0	10	30	26.60	17.10	
76170-***4	14	42	34.20	24.70	
76170-***6	16	48	38.00	28.50	


76170-****

MODULE & TAIL PLATING TYPE
5 = RIGHT 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
14 = 14 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
24 = 14 COL 0.39 PTH
26 = 16 COL 0.39 PTH
36 = 6 COL 0.39 PTH
38 = 8 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2016-0079 DRWN: B MILLER 2015/07/07 CHKD: APPR: TELO	DESCRIPTION 2015/07/07	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			mm	INCH	MM ONLY	4:1	METRIC			
		$\nabla = 0$	4 PLACES \pm ---	\pm ---	DRAWN BY	DATE	TITLE IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG			
		$\nabla = 0$	3 PLACES \pm ---	\pm ---	JLAURX	2008/01/29				
$\nabla = 0$	2 PLACES ± 0.13	\pm ---	CHECKED BY	DATE						
	1 PLACE ± 0.25	\pm ---	TELO	2008/01/29						
	0 PLACE \pm	\pm ---	APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
			JLAURX	2008/01/29	SEE CHART	SD-76170-004	2 OF 2			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR $\pm 1/2^\circ$		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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