



DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30 µN 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-76165-002 FOR THE MATING HEADERS AND
TO SD-76410-004 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
9. PART NUMBER 76170-3720 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 IS 1.9 mm TO 2.5 mm.

STANDARDIZATION EC NO: UCP2013-5285 DRWN: LOFSKY 2013/06/11 CHKD: APPR:TELO 2013/07/18	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY JLAURX	DATE 2008/01/29	TITLE IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG	SHEET NO. 1 OF 2	
H1	REV/	DESCRIPTION	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.13 ± ---	1 PLACE ± 0.25 ± ---	0 PLACE ± ±		APPROVED BY JLAURX
			ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-76170-002	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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-***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-***6	16	48	38.00	28.50	

76170-****

MODULE & 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
 36 = 6 COL 0.39 PTH
 38 = 8 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2013-5285 DRWN: COFSKY 2013/06/11 CHKD: APPR: TELO 2013/07/18	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	$\nabla = 0$	4 PLACES \pm --- \pm ---	mm INCH	DRAWN BY JLAURX	DATE 2008/01/29	IMPACT 100 OHM DC 3 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG molex
	$\nabla = 0$	3 PLACES \pm --- \pm ---		CHECKED BY TELO	DATE 2008/01/29	
	$\nabla = 0$	2 PLACES ± 0.13 \pm ---		APPROVED BY JLAURX	DATE 2008/01/29	
	1 PLACE ± 0.25 \pm ---					
		0 PLACE \pm \pm ---				
		ANGULAR $\pm 1/2^\circ$		MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	SD-76170-002	2 OF 2
			SIZE \square	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		