



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 304N MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE MATTE TIN  
ON PCB TAILS, NICKEL OVERALL.
  3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS  
AND ADDITIONAL PCB INFORMATION.
  4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
  5. PRODUCT IS PACKAGED PER PK-70873-592.
  6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  7. REFER TO MOLEX SALES DRAWING SD-171065-0003 OR RSD-171062-XXXX FOR THE  
MATING HEADERS.
  8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR THE ANTIPAD AND  
ROUTING RECOMMENDATIONS.
  9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO  
PRESENCE OF PLUS CLIP.
  10. PART NUMBER 171070-3020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE  
WITH COLUMN SIZE.
  11. WHEN USING MOLEX SUPPLIED # 2-32 SCREW 73726-4000 (4.31mm±0.38  
THREADABLE SCREW LENGTH), MIN. BOARD THICKNESS IS 1.6mm FOR  
SCREW/BOSS FUNCTIONALITY.

DAUGHTERCARD HOLE PATTERN  
(CONNECTOR SIDE)

PRODUCTION RELEASE EC NO: UCP2013-3179 DRAWN:TPREMO 2012/09/14 CHKD:TELO 2012/09/18 APPR:TELO 2013/02/01	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0	mm INCH	MM ONLY	4:1	METRIC		
		▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE LEFT ASSY DWG		
		▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE				
		2 PLACES ±0.13 ± ---	APPROVED BY DATE		<b>molex</b> SD-171070-0002 SHEET NO. 1 OF 2			
		1 PLACE ±0.25 ± ---	TELO 2012/09/18					
		0 PLACE ± --- ± ---	TELO 2013/02/01					
			ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART				
				SIZE C	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 $\phi$
171070-3010	10	20	26.60	17.10	0.46
171070-3016	16	32	38.00	28.50	$\pm 0.05$
171070-3020	10	20	26.60	17.10	0.39
171070-3026	16	32	38.00	28.50	$\pm 0.05$

171070-\*0\*\*

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

# OF COLUMNS  
 10 = 10 COL 0.46 PTH  
 16 = 16 COL 0.46 PTH  
 20 = 10 COL 0.39 PTH  
 26 = 16 COL 0.39 PTH

SEE SHEET 1 EC NO: UCP2013-3179 DRWN:TPREMO 2012/09/14 CHKD:TELO 2012/09/18 APPR:TELO 2013/02/01	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla = 0$	mm INCH	MM ONLY	4:1	METRIC	
	$\nabla = 0$	4 PLACES $\pm$ --- $\pm$ ---	DRAWN BY DATE	TITLE IMPACT 85 OHM DC 2 PAIR SIGNAL MODULE GUIDE LEFT ASSY DWG <b>molex</b>		
	$\nabla = 0$	3 PLACES $\pm$ --- $\pm$ ---	CHECKED BY DATE			
$\nabla = 0$	2 PLACES $\pm 0.13$ $\pm$ ---	TELO 2012/09/18				
	1 PLACE $\pm 0.25$ $\pm$ ---	APPROVED BY DATE				
	0 PLACE $\pm$ --- $\pm$ ---	TELO 2013/02/01	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
		ANGULAR $\pm 1/2^\circ$	SEE CHART	SD-171070-0002	2 OF 2	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			