

## Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)  
[0765003108](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF. PAIR	DIM 'A' MAX	DIM 'B'	PTH $\phi$
76500-8**	8	32	22.80	13.30	0.46+0.05
76500-16**	10	40	26.60	17.10	0.46+0.05
76500-6**	16	64	38.00	28.50	0.46+0.05
76500-8**	8	32	22.80	13.30	0.39+0.05
76500-16**	10	40	26.60	17.10	0.39+0.05
76500-6**	16	64	38.00	28.50	0.39+0.05

**76500-\*\*\***

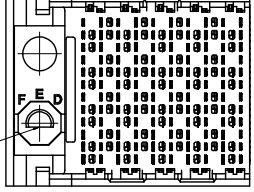
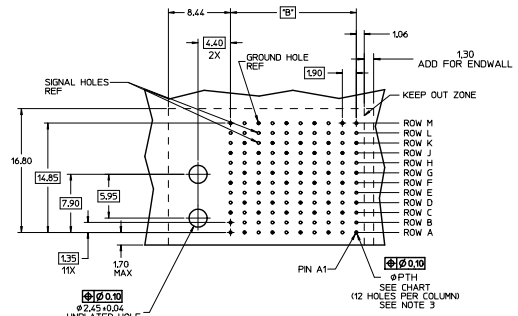
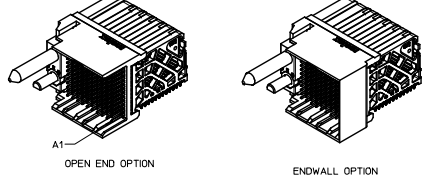
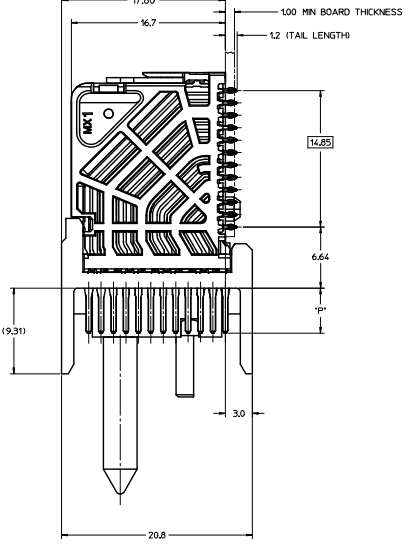
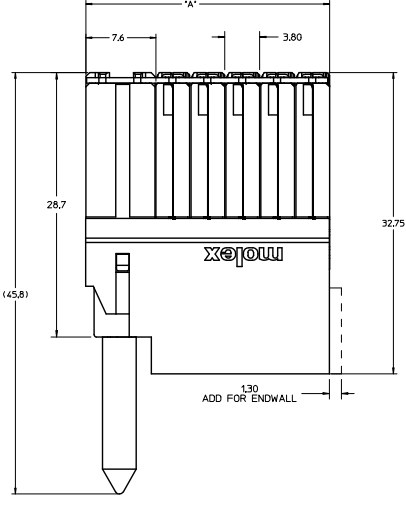
MODULE TYPE  
 3 - LEFT GUIDED, LEAD-FREE  
 7 - LEFT GUIDED, LEAD-FREE W/ ENDWALL

OF COLUMNS  
 1 = 10 COLUMNS  
 6 = 16 COLUMNS  
 8 = 8 COLUMNS

PIN LENGTH (P)  
 4 = 4.90 (0.46 PTH)  
 5 = 5.50 (0.46 PTH)  
 7 = 4.90 (0.39 PTH)  
 8 = 5.50 (0.39 PTH)

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

- NOTES:
- MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  - FINISH: 30UM SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL
  - REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
  - EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
  - PRODUCT IS PACKAGED PER PK-70873-041.
  - THE PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-65999-002.
  - REFER TO MOLEX SALES DRAWING SD-76060-004 FOR THE MATING RECEPTACLES.
  - REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  - WHEN USING MOLEX SUPPLIED #2-32 SCREW 73724-0000 19.50mm  $\pm$ 0.38mm THREADABLE SCREW LENGTH, THE MAXIMUM BOARD THICKNESS IS 4.4mm.
  - GUIDE LEFT RAM MATES TO GUIDE RIGHT DAUGHTERCARD.



KEY SHOWN IN POSITION A

**RAM HOLE PATTERN (CONNECTOR SIDE)**

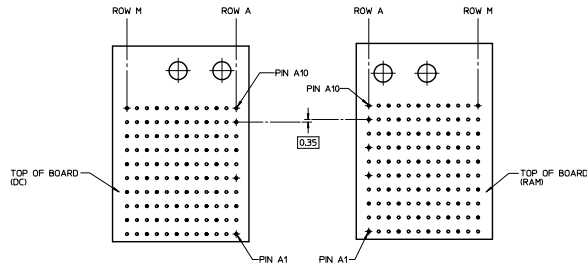
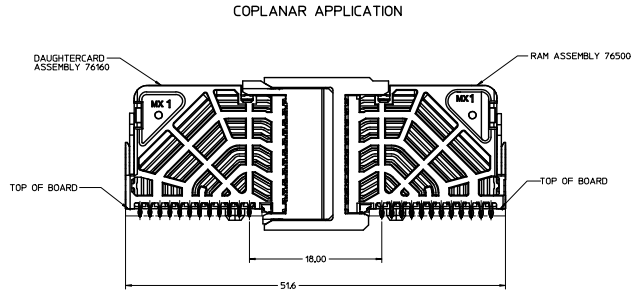
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		MM ONLY	INCH			
$\nabla=0$	4 PLACES $\pm$ ---	mm	INCH			
$\nabla=0$	3 PLACES $\pm$ ---					
$\nabla=0$	2 PLACES $\pm$ 0.13					
$\nabla=0$	1 PLACE $\pm$ 0.25					
$\nabla=0$	0 PLACE $\pm$ ---					
	ANGULAR $\pm$ 1/2°					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

IMPACT 4 PAIR RAM  
GUIDE LEFT  
SIGNAL MODULE SALES DWG

**molex**

DOCUMENT NO. SD-76500-002

SHEET NO. 1 OF 2



**COPLANAR MATED SIGNAL PATHS**

DC PIN A10-----RAM PIN A10  
DC PIN A1-----RAM PIN A1

SEE SHEET 1 DEC. NO. 167204-4979 DRAWN: JGONZALEZ01 20/04/05/08 CHECKED: JGONZALEZ01 20/04/05/08 APPROVED: JGONZALEZ01 20/04/05/08 DESIGNED: JGONZALEZ01 20/04/05/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±---+---	mm	DRAWN BY JLAURX	DATE 2008/12/03	TITLE IMPACT 4 PAIR RAM GUIDE LEFT SIGNAL MODULE SALES DWG
	▽=0	3 PLACES ±---+---	INCH	CHECKED BY JLAURX	DATE 2008/12/04	<b>molex</b>
	▽=0	2 PLACES ±0,13+---		APPROVED BY JLAURX	DATE 2008/12/05	
	1 PLACE ±0,25+---				DOCUMENT NO. SD-76500-002	SHEET NO. 2 OF 2
	0 PLACE ±---+---				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	