



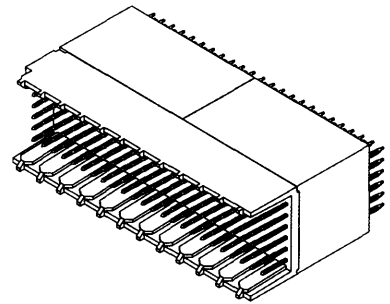
2.00mm (.079") Pitch

HDM*

Board-to-Board
Stacking Header

73769/73781

High Rise Vertical
Open End Option



FEATURES AND SPECIFICATIONS

Features and Benefits

- For parallel board packaging
- Available in press-fit or solder tail
- Up to 32mm board-to-board stack heights
- For Mezzanine cards, parallel backplanes, and bridge board applications
- Surface Mount Compatible

Reference Information

Product Specification: PS-73670-9999
 Packaging: Tube
 UL File No.: E29179
 Mates With: 73632 and 73780
 Designed In: Millimeters

Electrical

Current: 1.0A
 Contact Resistance:

Row	A	B	C	D	E	F
mΩ max.	13	18	20	25	30	32

Dielectric Withstanding Voltage: 1000V
 Insulation Resistance: 1000 MΩ min.

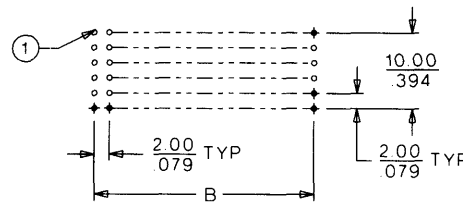
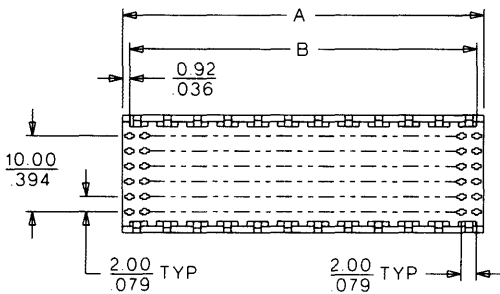
Mechanical

Insertion Force: 135N max. per press-fit pin
 Retention Force: 22.5N min. per press-fit pin
 Mating Force: 0.35N typical per contact
 Unmating Force: 0.15N min.
 Signal Normal Force: 0.75N nom./0.60N min.
 Durability: 250 cycles

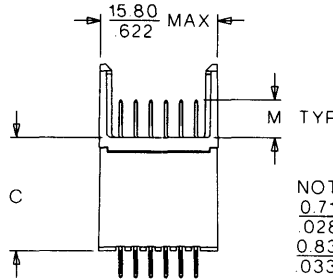
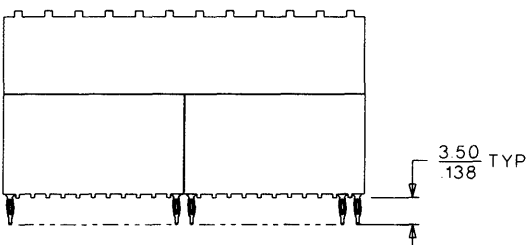
Physical

Housing: Liquid crystal polymer
 Contact: Phosphor Bronze
 Plating: 30μ" Gold
 Operating Temperature: -55 to +105°C

CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE
 RECOMMENDED PCB THICKNESS: $\frac{2.50}{.098}$ MIN



NOTE 1:
 $\frac{0.71}{.028}$ DIA PLATED THRU HOLE TYP
 $\frac{0.838}{.0330}$ DIA DRILLED HOLE

Note: Press-fit version shown

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.					Dimension			
	Press-Fit Tail = 3.50 (.138)	Solder Tail = 2.0 (.079)	Solder Tail = 2.5 (.098)	Solder Tail = 3.0 (.118)	Solder Tail = 3.5 (.138)	A	B	C	M
72	73769-0100	73781-0100	73781-2100	73781-4100	73781-6100	23.84 (.939)	22.00 (.866)	15.05 (.593)	5.00 (.197)
	73769-0200	73781-0200	73781-2200	73781-4200	73781-6200	23.84 (.939)	22.00 (.866)	6.05 (.238)	5.00 (.197)
	73769-0300	73781-0300	73781-2300	73781-4300	73781-6300	23.84 (.939)	22.00 (.866)	10.05 (.396)	5.00 (.197)
144	73769-1100	73781-1100	73781-3100	73781-5100	73781-7100	47.84 (1.883)	46.00 (1.811)	15.05 (.593)	5.00 (.197)
	73769-1200	73781-1200	73781-3200	73781-5200	73781-7200	47.84 (1.883)	46.00 (1.811)	6.05 (.238)	5.00 (.197)
	73769-1300	73781-1300	73781-3300	73781-5300	73781-7300	47.84 (1.883)	46.00 (1.811)	10.05 (.396)	5.00 (.197)

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