

FEATURES AND SPECIFICATIONS

Features and Benefits

- Zero insertion force contacts improve socket and module contact life and provide for fast on-line assembly
- Guaranteed 2 points of contact per readout with standard JEDEC module
- Anti-overstress latch feature provides extra protection during module removal
- Polarization posts provide orientation for proper loading of socket into printed circuit board
- Polarization rib properly orients module to socket
- EIA standard dimensions

Reference Information

Product Specification: PS-78954

Packaging: Tray

UL File No.: E29179

CSA File No.: LR19980

Mates With: JEDEC modules

Designed In: Inches

Electrical

Voltage: 250V

Current: 1.0A

Contact Resistance: 30mΩ max.

Dielectric Withstanding Voltage: 1000V AC

Insulation Resistance: 5000 MΩ min.

Capacitance: 2.5 picofarads max.

Mechanical

Normal Force: 150g average

Durability: 25 cycles

Physical

Housing: Black LCP, UL 94V-0

Latch: Stainless Steel

Contact: Phosphor Bronze Alloy

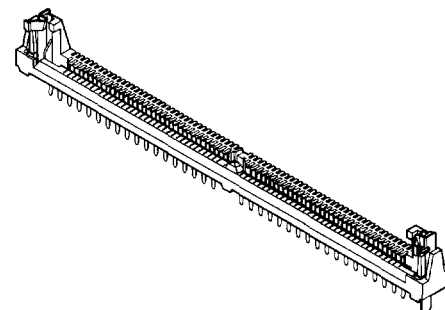
Plating: See Table

Temperature: -40 to +85°C

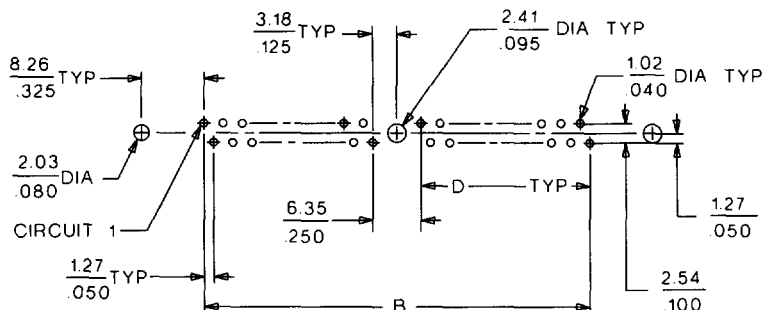
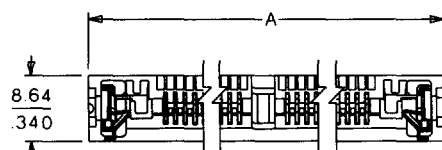
molex® 1.27mm (.050") Pitch SIMM Classic SIMM Socket

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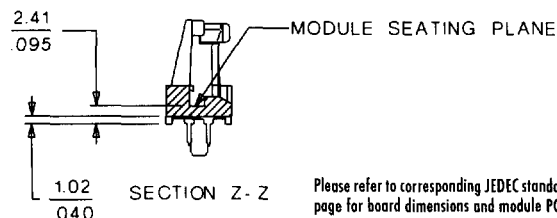
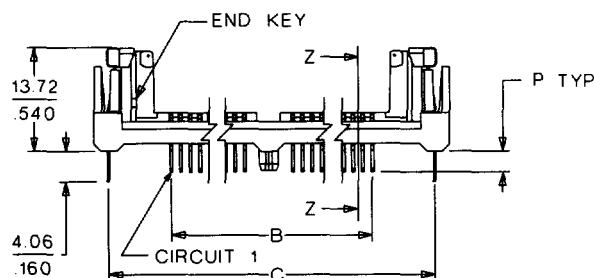
Left Polarization, Vertical Single Row, Metal Latch



Sockets and Edge Connectors



PCB LAYOUT: COMPONENT SIDE



Please refer to corresponding JEDEC standard MO-116 page for board dimensions and module PCB layout

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No. Tin Plate		Order No. Gold Plate		Dimension				
	With Center Post	Without Center Post	With Center Post	Without Center Post	A	B	C	D	P
40		15-82-0798			74.90 (2.950)	54.60 (2.150)	71.10 (2.800)	24.13 (.950)	2.79 (.110)
64	15-82-1104		• 15-82-0739		105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	2.79 (.110)
64	• 15-82-1171				105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	3.18 (.125)
68	• 15-82-1105		• 15-82-1190		110.50 (4.350)	90.20 (3.550)	106.70 (4.200)	41.91 (1.650)	2.79 (.110)
68			15-82-1144		110.50 (4.350)	90.20 (3.550)	106.70 (4.200)	41.91 (1.650)	3.18 (.125)
72	• 15-82-0775		• 15-82-0762		115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	2.79 (.110)
72	• 15-82-1106				115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	3.18 (.125)
80	• 15-82-1117		• 15-82-0780		125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	2.79 (.110)
80			• 15-82-1115		125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	3.18 (.125)
100			• 15-82-1194		151.10 (5.950)	130.80 (5.150)	147.30 (5.800)	62.23 (2.450)	2.79 (.110)

• US Standard Product, available through Molex franchised distributors

Plating: Post plate 200μ" min. Tin/Lead over 50μ" min. Nickel overall or post plate 30μ" min. Gold on contact area and 150μ" min. Tin/Lead on solder tails, all over Nickel

Call Molex for information on nonlisted order numbers