

## 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

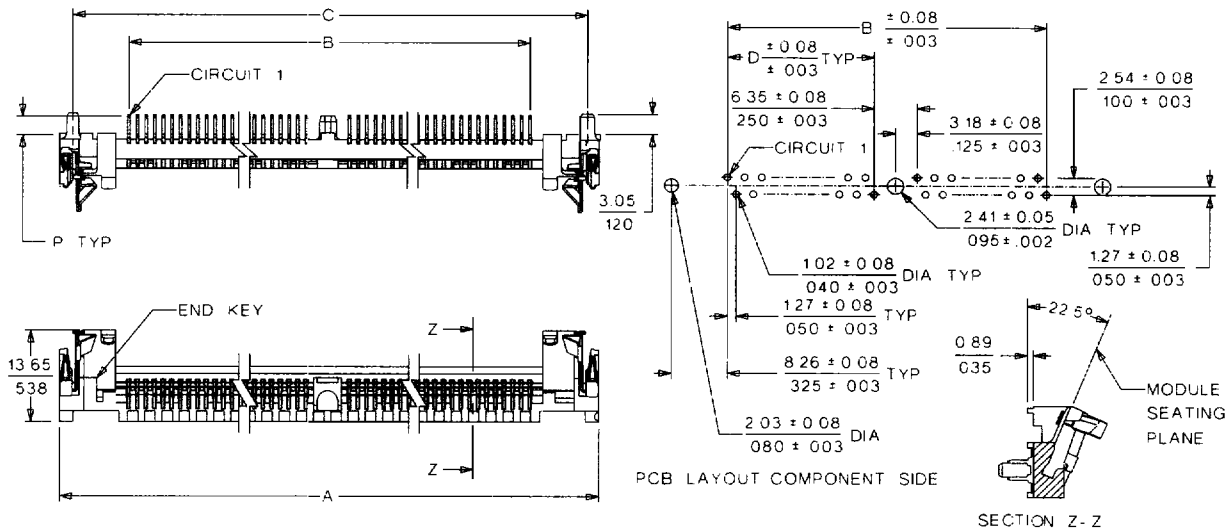
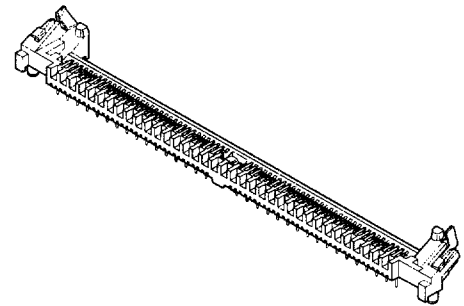
Temperature: -40 to +85°C



# 1.27mm (.050") Pitch SIMM Classic SIMM Socket

78964

## Left Polarization Low Profile (22.5°) Single Row, Metal Latch



For corresponding JEDEC standard MO-116 board dimensions and module PCB layout see page E-10

## 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		15-82-0653		15-82-0654	74.93 (2.950)	54.61 (2.150)	71.12 (2.800)	24.13 (.950)	.110
56			15-82-0658		95.30 (3.750)	74.90 (2.950)	91.40 (3.600)	34.29 (1.350)	.110
64	• 15-82-0667		15-82-0659		105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	.110
64					105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	.125
68	• 15-82-0693	15-82-0689	15-82-1007		110.50 (4.350)	90.20 (3.550)	106.70 (4.200)	41.91 (1.650)	.110
72	• 15-82-0678		• 15-82-0675		115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	.110
72	15-82-0679		15-82-0692		115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	.125
80	• 15-82-0685		• 15-82-0683		125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	.110
80	15-82-0684				125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	.125

• 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 75μ" min. Nickel

Call Molex for information on nonlisted order numbers



**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**

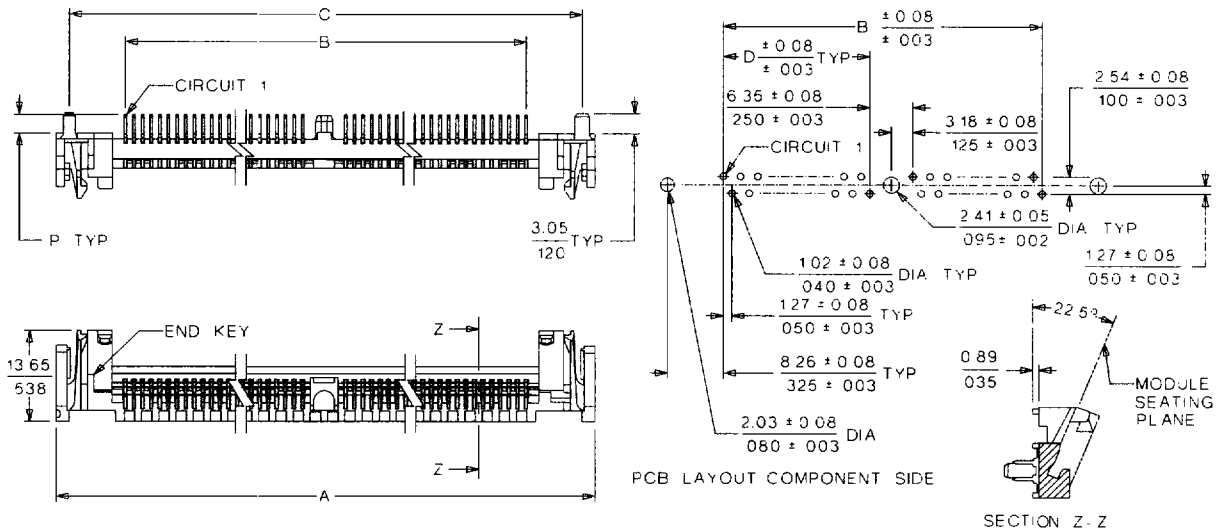
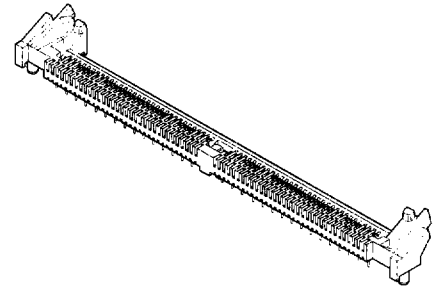
Normal Force: 150g average  
 Durability: 25 cycles

**Physical**

Housing: Black LCP, UL 94V-0  
 Contact: Phosphor Bronze Alloy  
 Plating: See Table  
 Temperature: -40 to +85°C

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

**78964**  
**Left Polarization**  
**Low Profile (22.5°)**  
**Single Row, Plastic Latch**



For corresponding JEDEC standard MO-116 board dimensions and module PCB layout see page E-10

**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		15-82-0650		15-82-0651	74.93 (2.950)	54.61 (2.150)	71.12 (2.800)	24.13 (.950)	.110
56			15-82-0656		95.30 (3.750)	74.90 (2.950)	91.40 (3.600)	34.29 (1.350)	.110
64	15-82-0664		15-82-0661		105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	.110
64					105.40 (4.150)	85.10 (3.350)	101.60 (4.000)	39.37 (1.550)	.125
68	15-82-0668				110.50 (4.350)	90.20 (3.550)	106.70 (4.200)	41.91 (1.650)	.110
72	15-82-0671		15-82-0672		115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	.110
72	15-82-0670				115.60 (4.550)	95.30 (3.750)	111.80 (4.400)	44.45 (1.750)	.125
80	15-82-0680		15-82-0681		125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	.110
80					125.70 (4.950)	105.40 (4.150)	121.90 (4.800)	49.53 (1.950)	.125

• 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 75μ" min. Nickel

Call Molex for information on nonlisted order numbers