



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Test & Burn-In SOIC Sockets



- Lid can be actuated from top or front and is compatible with automated load/unload equipment
- Compact envelope and side to side stackability maximize board density
- Tweezer slot for easy manual loading/unloading
- Lid applies 80 grams normal force per lead for maximum electrical reliability
- Accepts Gull Wing JEDEC device sizes in .150" (3.81 mm) and .300" (7.62 mm) body widths

Date Issued: February 19, 2001

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Sheet 1 of 4

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## Physical

### Insulation

Material: Glass Filled Polyethersulfone  
Flammability: UL 94V-0  
Color: Black

**Marking:** 3M Logo & Part Number Identifier

### Contact

Material: Beryllium-Copper  
Plating: 30  $\mu$ " (0.76  $\mu$ m) Gold over 50  $\mu$ " (1.3  $\mu$ m) Nickel

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## Environmental

**Current Rating:** 1 Amp  
**Insulation Resistance:**  $> 1 \times 10^{12} \Omega$  at 500 Vdc  
**Withstanding Voltage:** 1000 Vrms at Sea Level

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## Environmental

**Operating Temperature Rating:** - 55 $^{\circ}$ C to + 150 $^{\circ}$ C

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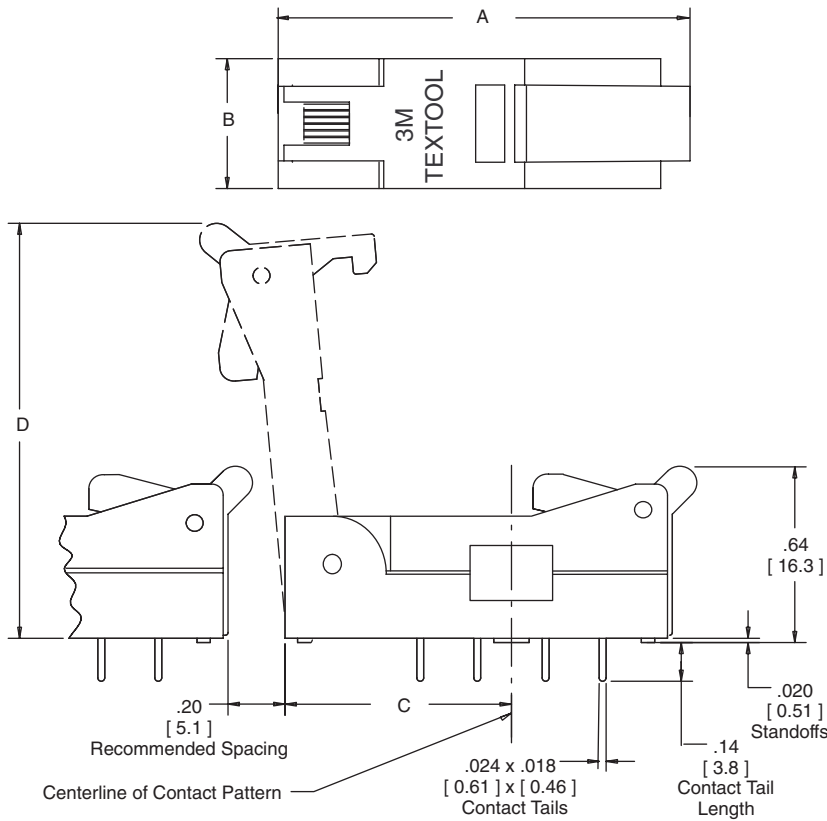
### 3M Electronic Handling and Protection Division

6801 River Place Blvd.  
Austin, TX 78726-9000

For technical, sales or ordering information call **800-328-0411**  
or visit our website: <http://www.3M.com/ehpd>

# Test & Burn-In SOIC Sockets

Part Number	Dimensions			
	A	B	C	D
7391				
7390	1.45 [ 36.8 ]	.47 [ 11.9 ]	.79 [ 20.0 ]	1.52 [ 38.0 ]
7383				
7224				
7223	1.59 [ 40.4 ]	.57 [ 14.5 ]	.86 [ 21.8 ]	1.64 [ 41.7 ]
7201				
7397				
7396	1.69 [ 42.9 ]	.80 [ 20.3 ]	.92 [ 23.3 ]	1.74 [ 44.2 ]
7474				



	Tolerance $\frac{\text{inch}}{\text{(mm)}}$	
Dimension	$\frac{.00}{(.0)}$	$\frac{.000}{(.00)}$
Tolerance	$\pm .010$ ( $\pm .25$ )	$\pm .005$ ( $\pm .13$ )

## Ordering Information

Part Number	Leads	SOIC Body Width
208-7391-55-1902	8	.150 [ 3.81 ]
214-7390-55-1902	14	
216-7383-55-1902	16	
216-7224-55-1902	18	.300 [ 7.62 ]
218-7223-55-1902	18	
220-7201-55-1902	20	
224-7397-55-1902	24	
228-7396-55-1902	28	
228-7474-55-1902	28	.330 [ 8.38 ]

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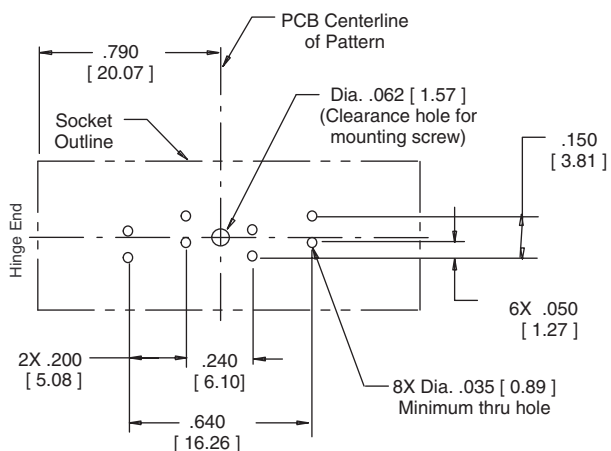
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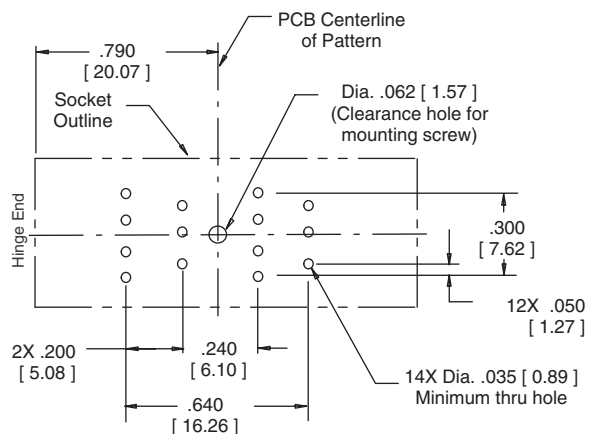
## P.C. BOARD PATTERNS

### 8 Position



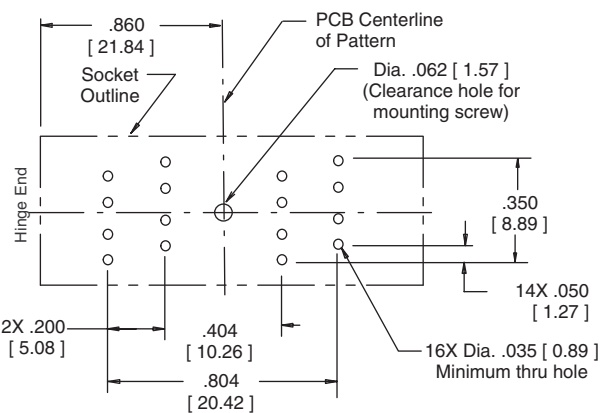
208-7391-55-1902

### 14 Position

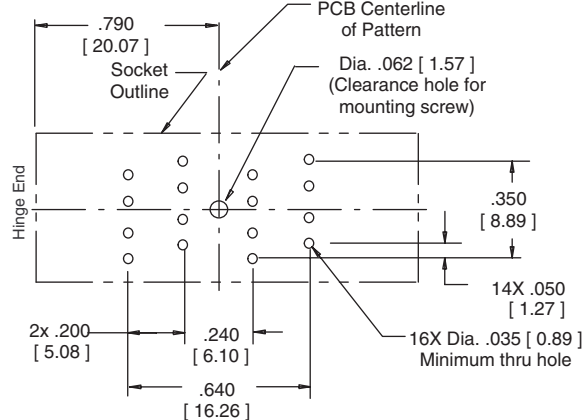


214-7390-55-1902

### 16 Position

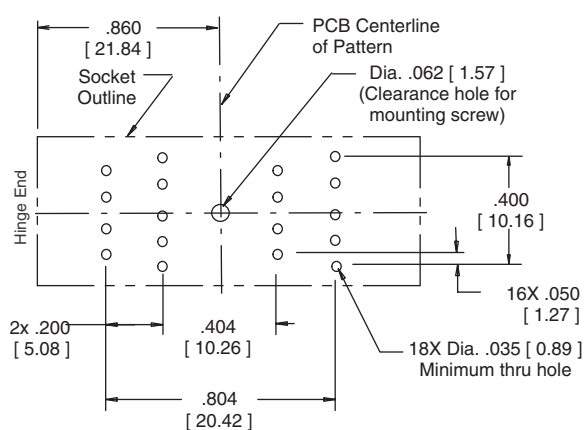


216-7224-55-1902



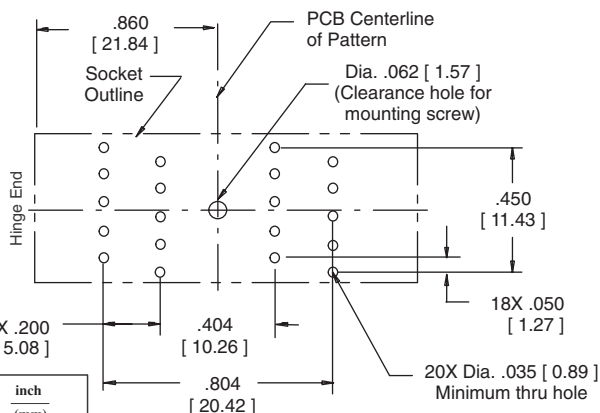
216-7383-55-1902

### 18 Position



218-7223-55-1902

### 20 Position



220-7201-55-1902

	Tolerance	
	inch	(mm)
Dimension	.00 (.0)	.000 (.00)
Tolerance	±.010 (±.25)	±.005 (±.13)

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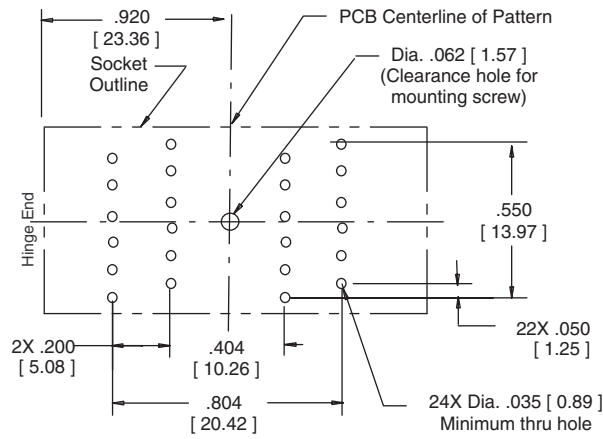
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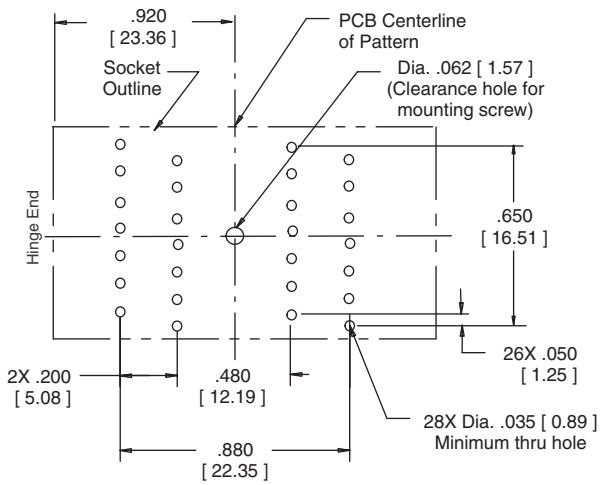
# Test & Burn-In SOIC Sockets

## 24 Position

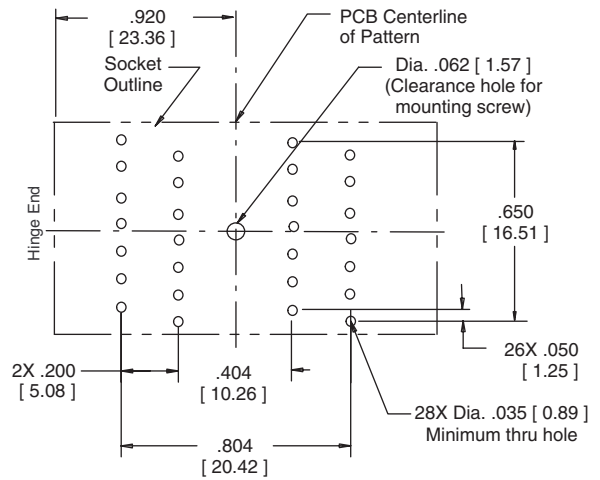


224-7397-55-1902

## 28 Position



228-7474-55-1902



228-7396-55-1902

	Tolerance $\frac{\text{inch}}{\text{(mm)}}$	
Dimension	$\frac{.00}{(.0)}$	$\frac{.000}{(.00)}$
Tolerance	$\frac{\pm .010}{(\pm .25)}$	$\frac{\pm .005}{(\pm .13)}$

Note: P.C. Board patterns are "component side".

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