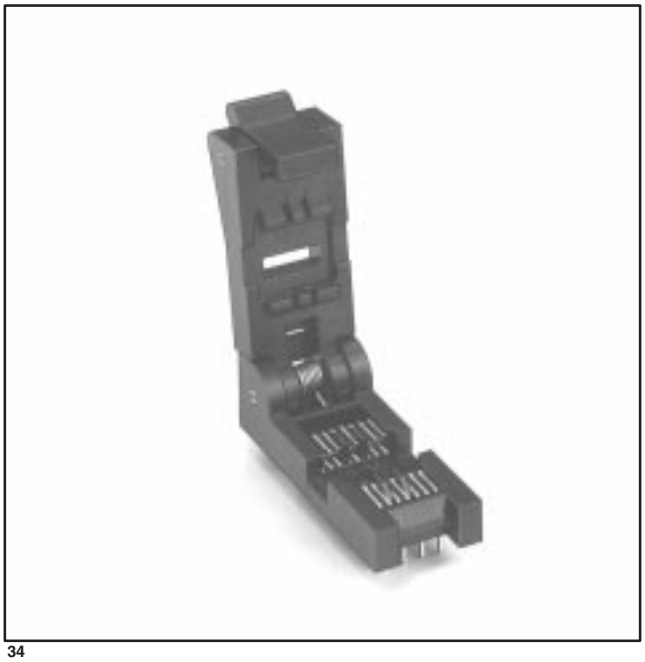
Test & Burn-In SOIC Sockets



34

- 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

Physical

Insulation	
Material:	Glass Filled Polyethersulfone
Flammability:	UL 94V-0
Color:	Black
Marking:	3M Logo & Part Number Identifier
Contact	
Material:	Beryllium-Copper
Plating:	30 □" (0.76 □m) Gold over 50 □" (1.3 □m) Nickel

Environmental

Current Rating:	1 Amp
Insulation Resistance:	> 1 □ 10^{12} □ at 500 Vdc
Withstanding Voltage:	1000 Vrms at Sea Level

Environmental

Operating Temperature Rating:	- 55° C to + 150°C

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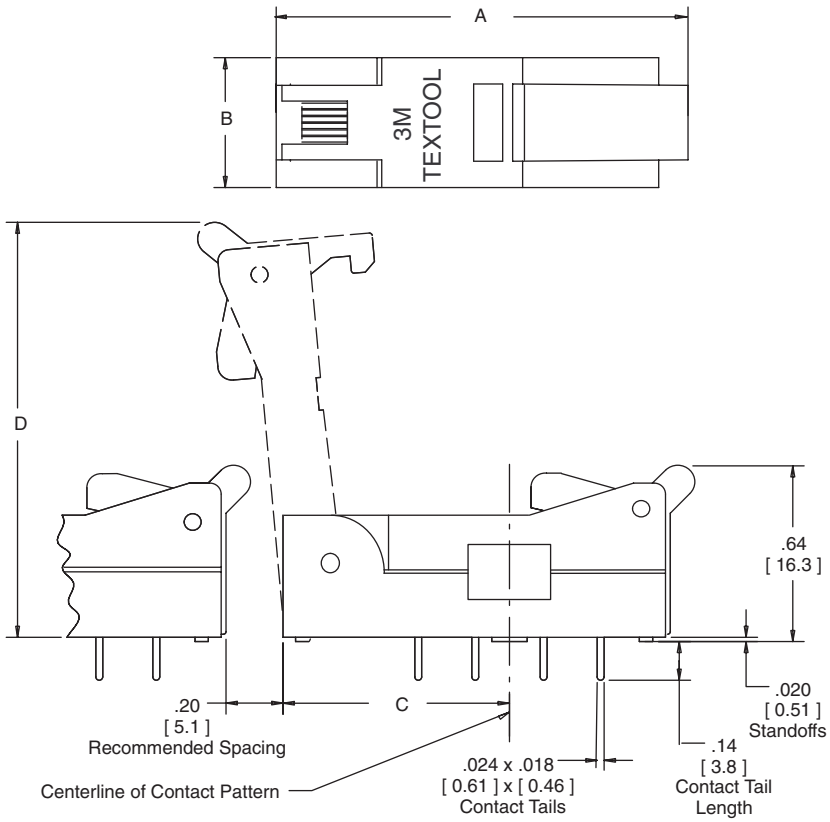
Part Number	Dimensions			
	A	B	C	D
7391	1.45 [36.8]	.47 [11.9]	.79 [20.0]	1.52 [38.0]
7390				
7383				
7224	1.59 [40.4]	.57 [14.5]	.86 [21.8]	1.64 [41.7]
7223				
7201				
7397	1.69 [42.9]	.80 [20.3]	.92 [23.3]	1.74 [44.2]
7396				
7474				



Tolerance	inch / (mm)	
Dimension	.00 / (.0)	.000 / (.00)
Tolerance	± .010 / (± .25)	± .005 / (± .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		.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		.330 [8.38]

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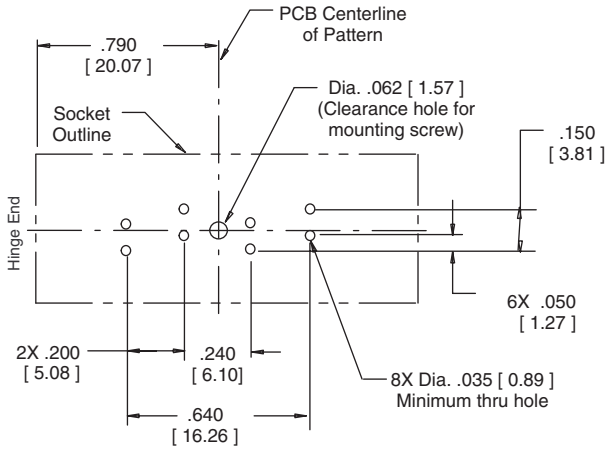
Test & Burn-In SOIC Sockets

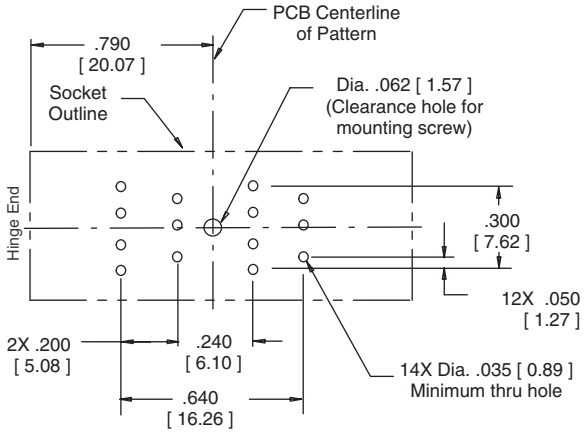
P.C. BOARD PATTERNS

8 Position



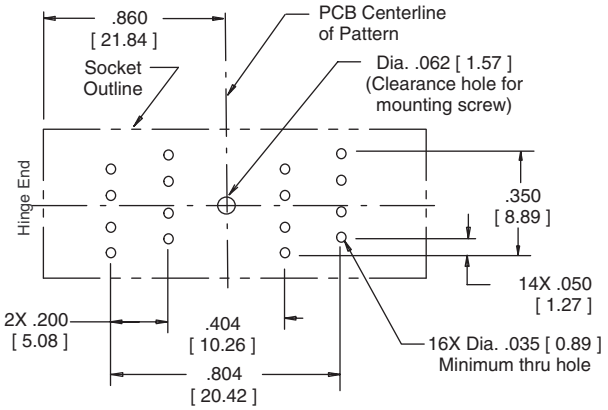
208-7391-55-1902

14 Position

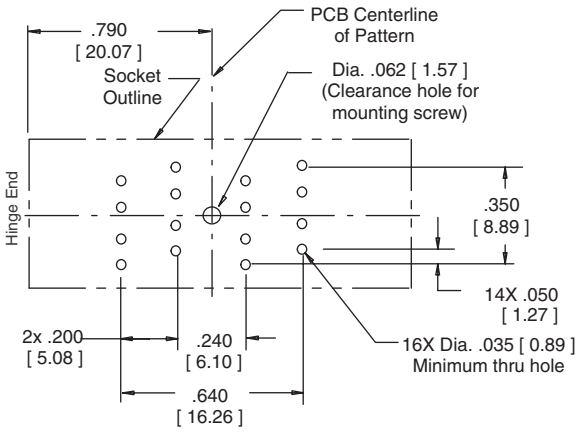


214-7390-55-1902

16 Position

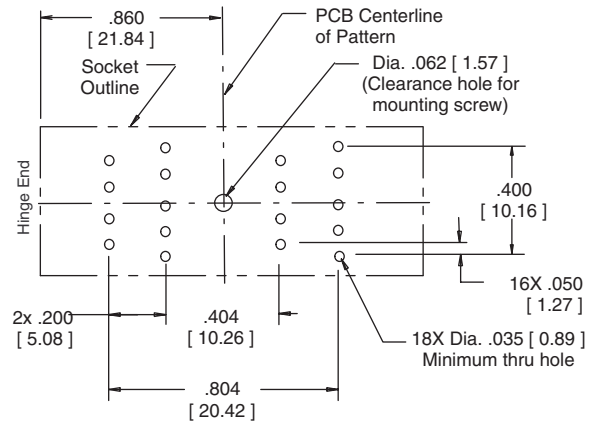


216-7224-55-1902



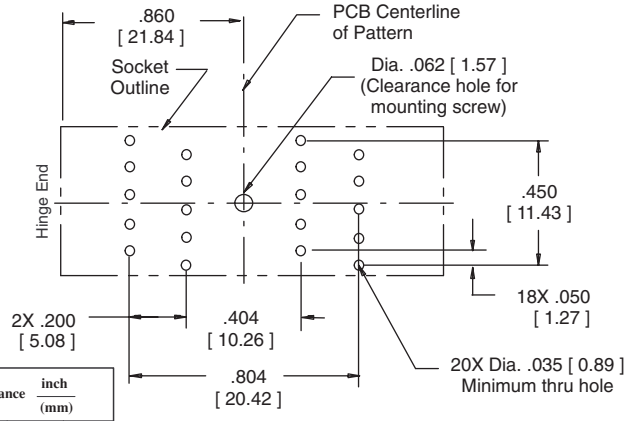
216-7383-55-1902

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)

TS-0338-09
Sheet 3 of 4

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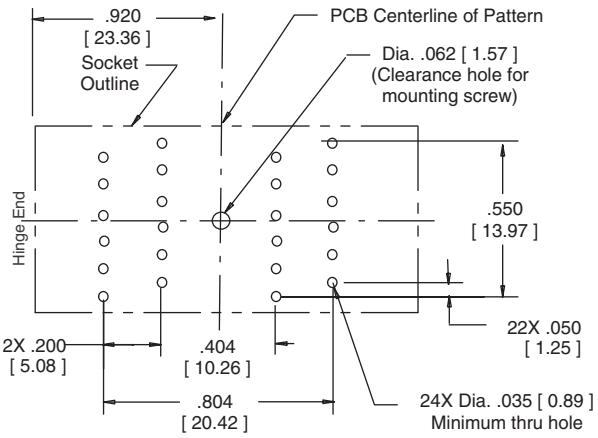
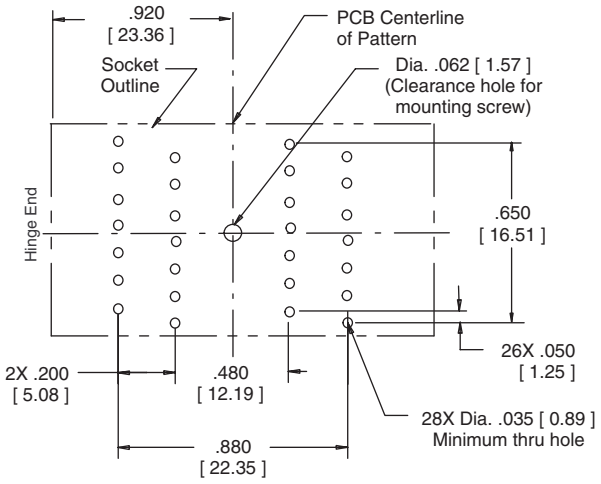
24 Position

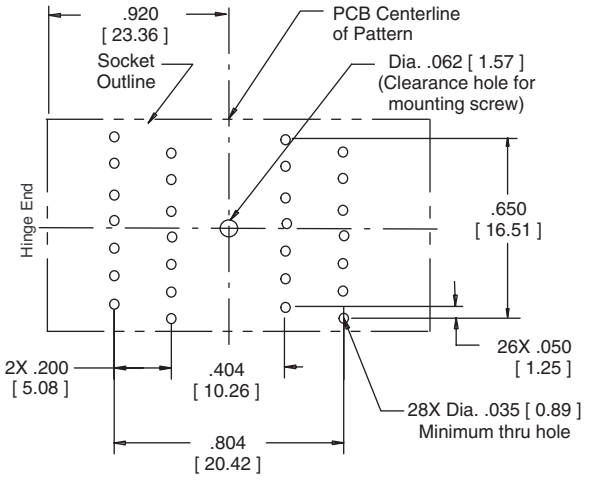


224-7397-55-1902

28 Position



228-7474-55-1902



228-7396-55-1902

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

Note: P.C. Board patterns are “component side”.

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