OEM ZIF DIP Sockets

9.

- BeCu contacts assure continuity with very short path to P.C. trace
- Contact design prevents solder bridging and wicking
- Zero insertion/extraction force achieved with simple cam rotation using a screwdriver
- For use where package field replacement or re-programming is required for DIP's
- Socket contact point of .110" (2.79 mm) below top surface of socket
- Pin counts available from 14 through 64 leads on .100" (2.54 mm) centers

Date Issued: January 12, 2004

Physical

Insulation	
Material:	Glass Filled Polyethermide (PEI)
Flammability:	UL 94V-0
Color:	Black
Marking:	Raised Letters: Part Identification
Contact	
Material:	Beryllium Copper
Plating	
Underplate:	75 µ" [1.91 µm] Copper – MIL-C-14550
Wiping Area & Solder Tails:	250 µ" [6.35 µm] Tin – MIL-T -10727A
Optional Plating	
Underplate:	50 µ" [1.27 µm] Nickel
Wiping Area & Solder Tails:	Gold Flash
Cam	
Material:	Zinc

Electrical

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

Mechanical

Durability:	100 actuations
Normal Force:	150 grams average per contact

Environmental

Temperature Rating Operating:	- 55 °C to +105°C

UL File No.: E68080

3M Electronic Solutions Division
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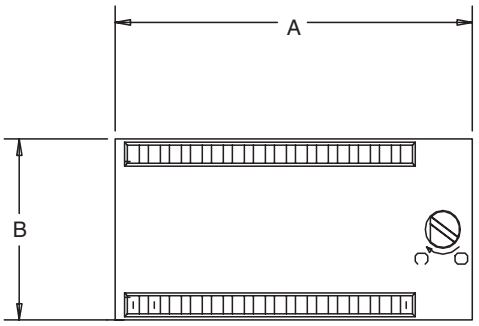
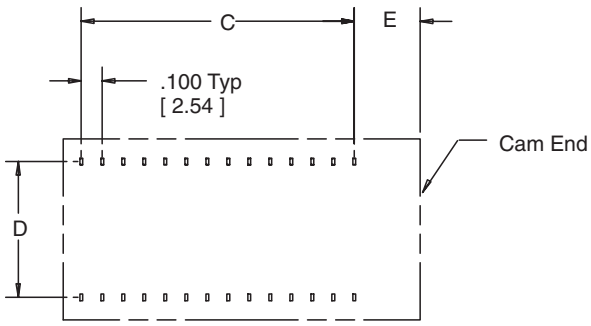
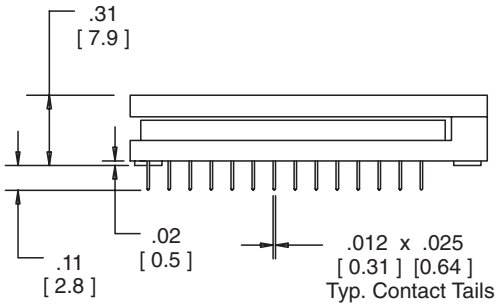
Lead Count	Dimensions				
	A	B	C	D	E
16	1.10 [28.0]	.49 [12.5]	.700 [17.78]	.300 [7.62]	.316 [8.02]
28	1.70 [43.2]	.80 [20.2]	1.300 [33.02]	.600 [15.24]	.316 [8.02]
32	1.90 [48.3]	.80 [20.2]	1.500 [38.1]	.600 [15.24]	.316 [8.02]





P.C. Board Pattern



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

Notes:
1. When soldering to a P.C. Board the contacts must be in the **open position**. Do not crimp leads for mounting during soldering.
2. The cam mechanism in these sockets has been designed to operate with a torque level of 2 in-lbs max. Exceeding this torque level could cause damage to the socket.

Ordering Information

Lead Count	Part Number	Distance Between Rows
16	216-6278-00-3303	.300 [7.62]
28	228-1296-00-3303	.600 [15.24]
32	232-1297-00-3303	.600 [15.24]

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For technical, sales or ordering information call **800-225-5373**
or visit our website: **http://www.3M.com/esd**