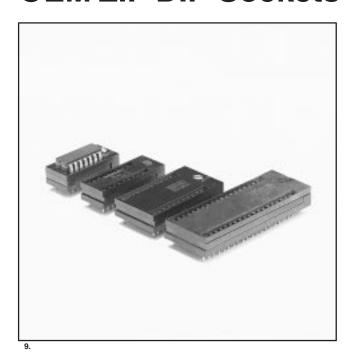
OEM ZIF DIP Sockets



- · 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

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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: 250μ " [6.35μ m] Tin – MIL-T -10727A

Optional Plating

Underplate: $50~\mu\text{"}$ [$1.27~\mu\text{m}$] Nickel Wiping Area & Solder Tails: Gold Flash

Cam Material: Zinc

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^{12} \Omega$ 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

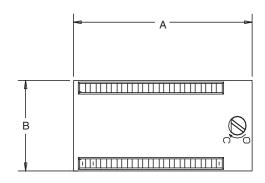
UL File No.: E68080

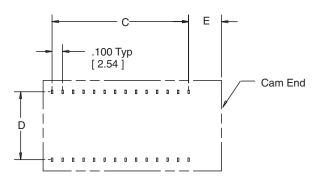
3M Electronic Solutions Division

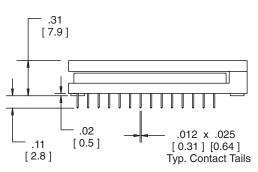
6801 River Place Blvd. Austin, TX 78726-9000 For technical, sales or ordering information call 800-225-5373 or visit our website: http://www.3M.com/esd

OEM ZIF DIP Sockets

	Dimensions					
Lead Count	A	В	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 $\frac{\text{inch}}{(\text{mm})}$					
Dimension	.00	.000			
Tolerance	±.010 (±.25)	± .005 (± .13)			

- 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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