



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

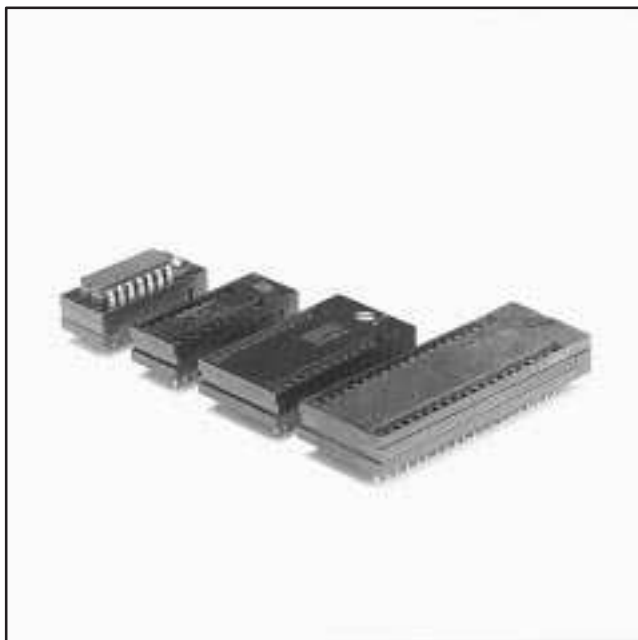
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OEM ZIF DIP Sockets



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

TS-0360-14
Sheet 1 of 2

Physical

Insulation

Material: Glass Filled Polyetherimide (PEI)
Flammability: UL 94V-0
Color: Black
Marking: Raised Letters: Part Identification

Contact

Material: Beryllium Copper
Plating
Underplate: 75 μ " [1.91 μ m] Copper – MIL-C-14550
Wiping Area & Solder Tails: 250 μ " [6.35 μ m] Tin – MIL-T -10727A
Optional Plating
Underplate: 50 μ " [1.27 μ 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

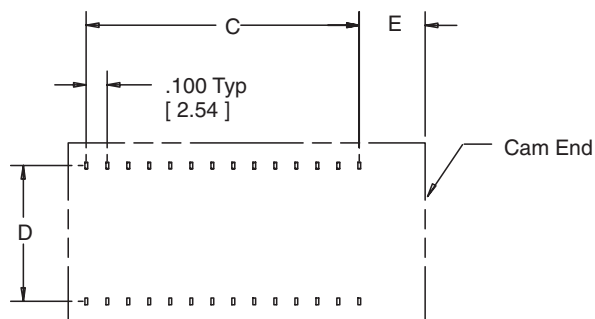
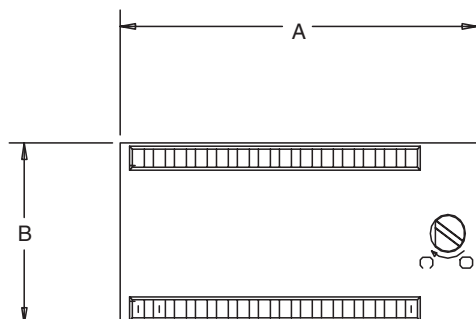
3M Electronic Solutions Division

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Austin, TX 78726-9000

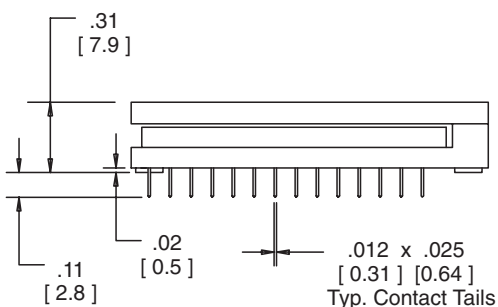
For technical, sales or ordering information call **800-225-5373**
or visit our website: <http://www.3M.com/esd>

OEM ZIF DIP Sockets

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



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.

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

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]