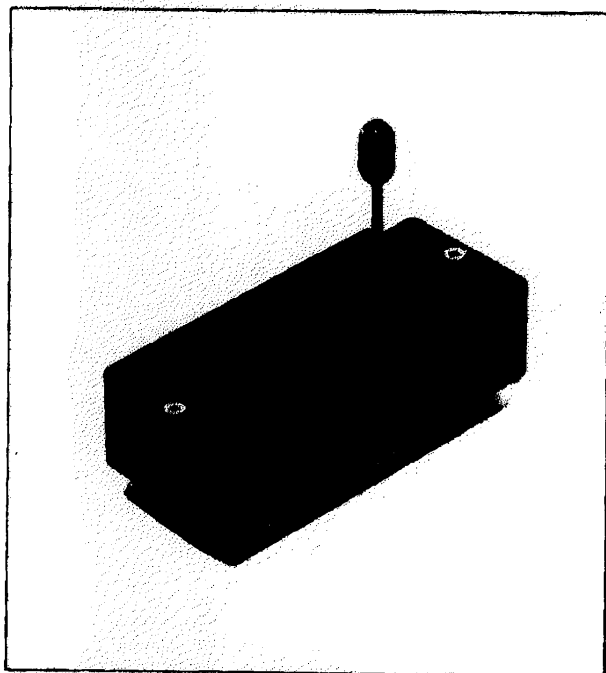


.100" DIP Sockets

Universal DIP



- For DIPs with .100" lead spacing
- Extra wide contact zone allows insertion of DIPs with distance between rows from .300" through .600"
- Lever actuated zero insertion force mechanism
- Socket easily disassembles for reparability
- Socket contact point of .090" below top surface of socket

328-6459

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Physical

Insulation

Material: Glass Filled: Polysulfone

Flammability: UL 94V-0

Color: Green

Marking: 3M Logo & Part Number Identifier

Material: Beryllium Copper

Plating: 30 μ " (0.76 μ m) Gold - MIL-G-45204, Type II, Grade C over 50 μ " (1.3 μ m)
Nickel - QQ-N-290A, Class 2 or 75 μ " (1.9 μ m) Nickel Boron

Electrical

Current Rating: 1 Amp

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 Vdc

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

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

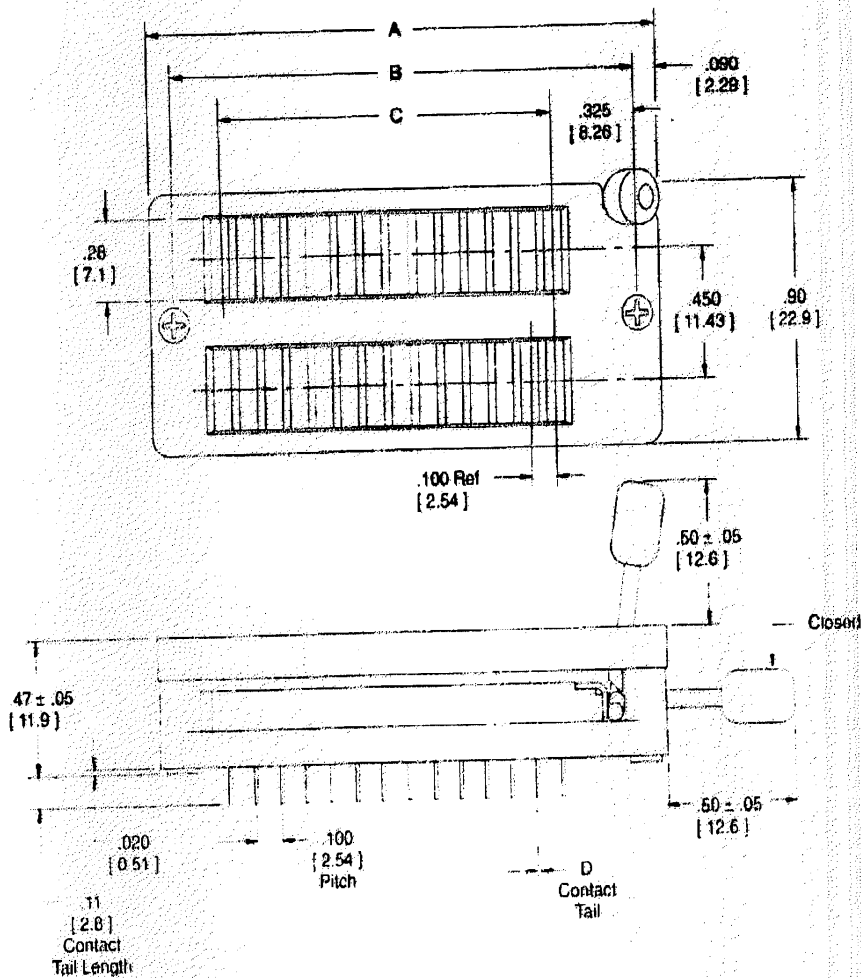
Mechanical

When used as a test socket at room temperature 24°C the socket will last 20,000 actuations.

.100" DIP Sockets

Universal DIP

Contact Quantity	Dimensions			
	A	B	C	D
24	1.77 [45.0]	1.61 [40.9]	1.100 [27.94]	.012 x .030 [0.30] [0.76]
28	1.99 [50.5]	1.81 [46.0]	1.300 [33.02]	.014 x .032 [0.36] [0.81]
32	2.19 [56.6]	2.01 [51.1]	1.500 [38.10]	
40	2.59 [65.8]	2.41 [61.2]	1.900 [48.15]	



Inch	mm
0	00
000	000
Inch	± .1 ± .01 ± .005
mm	± .3 ± .13
[] Dimensions for Reference only	

Ordering Information

Socket Part Number *	Contact Quantity	Mating Receptacle Part Number *
2-0024-0124-000-006-002	24	2-0024-03597-00Y-006-002
2-0028-06023-000-006-00X	28	2-0028-03598-00Y-006-002
2-0032-07282-000-006-00X	32	2-0032-01285-00M-006-003
2-0040-06182-000-006-00X	40	2-0040-03599-00Y-006-002

Contact Material & Plating:
X = 2 BeCu/Au/Ni
5 BeCu/NiB

Contact Tail Length:
Y = 0 (.62 [15.8] Long Tail)
= 6 (.13 [3.3] Short Tail)

*Part numbers ending in -003 have gold flash plating

Contact Tail Length with mounting flange
= 9 (.13 [3.3] Short Tail)

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