

# 3M™ DIN C-Form Socket

Vertical, Solder Tail or Press-Fit Termination

DIN 41612 Series



- Multi-pin count socket compatible with VME, Multibus II, and VXI backpanels
- Expanded pin counts
- Optional press-fit or solder tail termination
- Mates with C-form and R-form plugs
- Optional retention clip
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of [www.3M.com/Interconnects](http://www.3M.com/Interconnects) for compliance information (RIA E1 & C1 apply)

Date Modified: February 2, 2010

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## Physical

### Insulation:

Material: Glass Filled Polyester (PBT)  
Flammability: UL 94V-0  
Color: Gray

### Contact:

Material: Copper Alloy

### Plating:

Underplating: 50  $\mu$ ” Min. Nickel  
Wiping Area: See Ordering Information  
Termination: See Ordering Information

## Electrical

Current Rating: 3.0A at 30°C T-rise above Ambient  
Contact Resistance:  $\leq 20$  m $\Omega$   
Insulation Resistance:  $\geq 1,000$  M $\Omega$ , 100V<sub>DC</sub>  
Withstanding Voltage: 1,000 V<sub>AC</sub> for 1 minute

## Environmental

Temperature Rating: -55°C to 125°C  
Process Temperature Rating: Maximum Insulator Temperature 191°C (solder wave process only)

UL File No.: E68080



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Table 1

Contact Quantity	Part Number	A	B	D	E
16	DIN-016CSA-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSB-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
48	DIN-048CSC-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSD-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
16	DIN-016CSE-XXX-XXXX	54.40 [2.142]	44.40 [1.748]	50.00 [1.969]	38.10 [1.500]
32	DIN-032CSA-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
64	DIN-064CSB-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
96	DIN-096CSC-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
64	DIN-064CSD-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]
32	DIN-032CSE-XXX-XXXX	95.00 [3.740]	85.00 [3.346]	90.00 [3.543]	78.74 [3.100]



mm  
[inch]

Tolerance Unless Noted			
	X.	.X	.XX
mm	± 0.50	± 0.25	± 0.15

[ ] Dimension for Reference Only



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