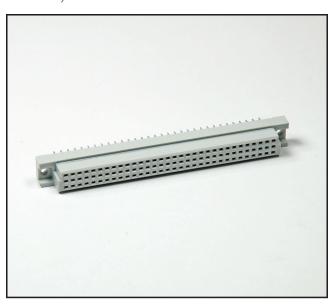
3M™ DIN C-Form Socket

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 for compliance information (RIA E1 & C1 apply)

Date Modified: February 2, 2010

TS-2306-E Sheet 1 of 3

Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact:

Material: Copper Alloy

Plating:

Underplating: 50 µ" 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: $\leq 20 \text{ m}\Omega$

Insulation Resistance: $\geq 1,000 \text{ M}\Omega, 100 \text{V}_{DC}$ Withstanding Voltage: $1,000 \text{ V}_{AC}$ for 1 minute

Environmental

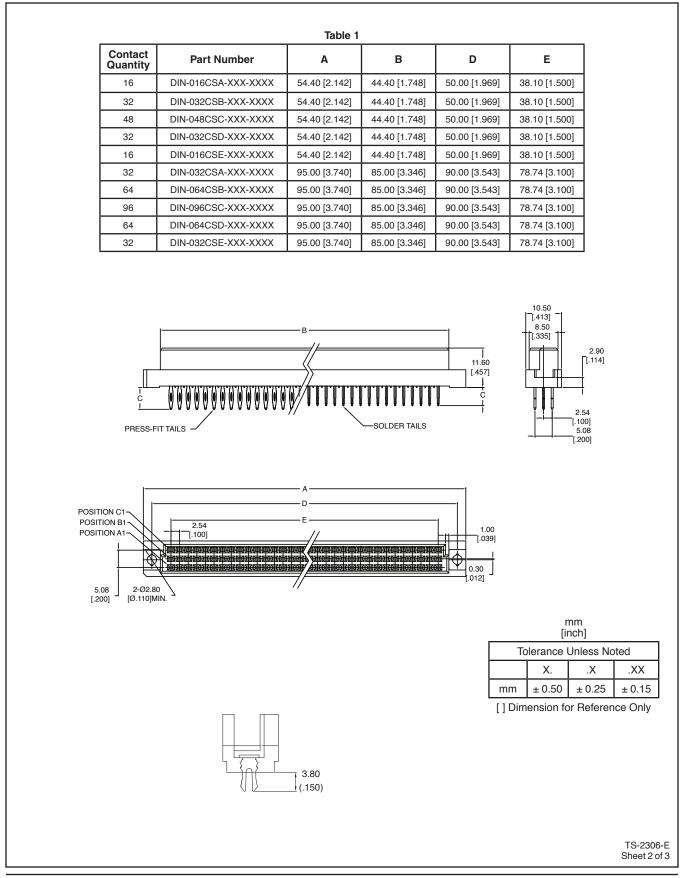
Temperature Rating: -55°C to 125°C

Process Temperature Rating: Maximum Insulator Temperature 191°C (solder wave process only)

UL File No.: E68080

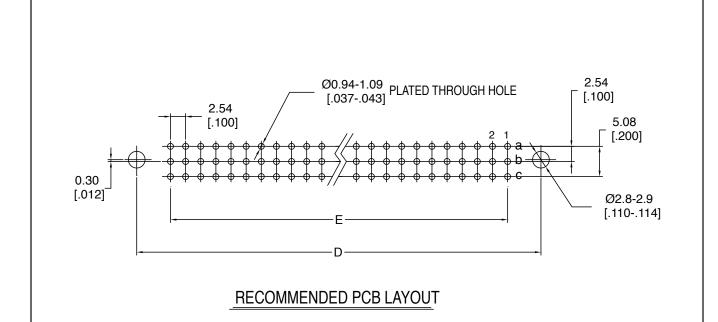


Vertical, Solder Tail or Press-Fit Termination



3MElectronic Solutions Division Interconnect Solutions http://www.3Mconnector.com

Vertical, Solder Tail or Press-Fit Termination



Ordering Information

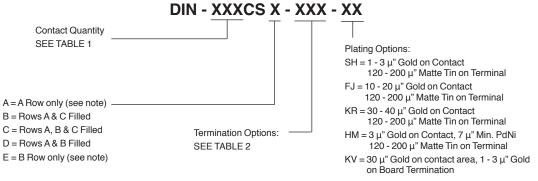


Table 2		
SOLDER TERMINATION OPTION NO.	DIM "C" mm (in)	Comments
R1L	3.75 (.148)	with Retention Clips
R3L	2.29 (.090)	with Retention Clips
S1L	3.75 (.148)	no Retention Clips
S3L	2.29 (.090)	no Retention Clips
W	14.70 (.579)	no Retention Clips
PRESS-FIT TERMINATION OPTION NO.		
PS	5.99 (.236)	
PSL	4.25 (.167)	
PW1	12.90 (.508)	

Note: A and E options are not currently covered in UL File No. E68080

TS-2306-E Sheet 3 of 3

3M

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