$3M^{\text{TM}}$ DIN R-Form Plug

Vertical, Solder Tail or Press-Fit Termination



DIN 41612 Series

- Early mate late break (EMLB) grounding contacts for hot swapping
- Select load capability
- Expanded pin counts
- Optional press-fit or solder tail termination
- Mates with C-form and R-form sockets
- 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-2307-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 $30^{\circ}C$ T-rise above AmbientContact 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

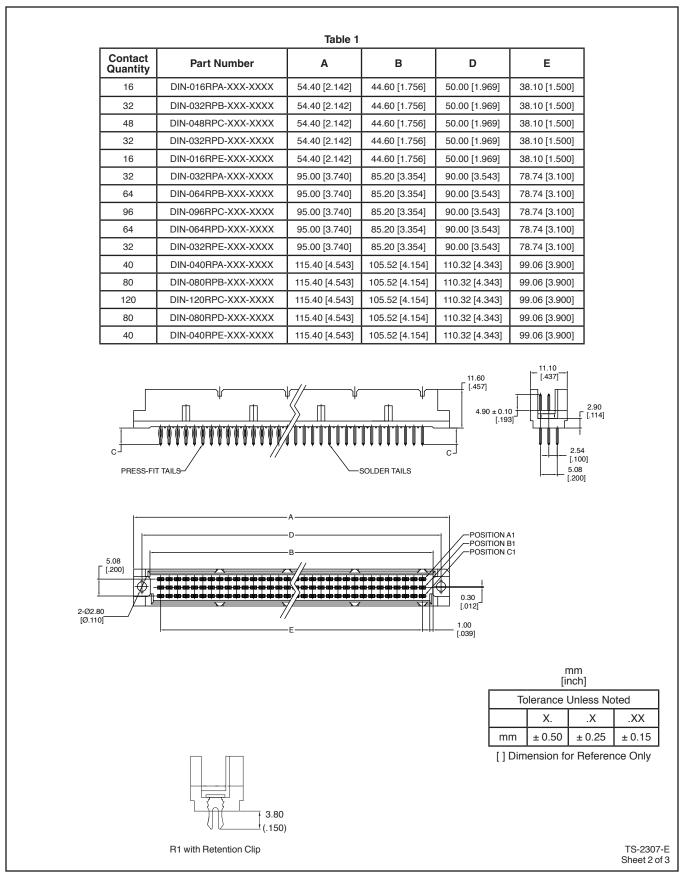
Temperature Rating: -55°C to 125°C

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

UL File No.: E68080



3M[™] DIN R-Form Plug Vertical, Solder Tail or Press-Fit Termination



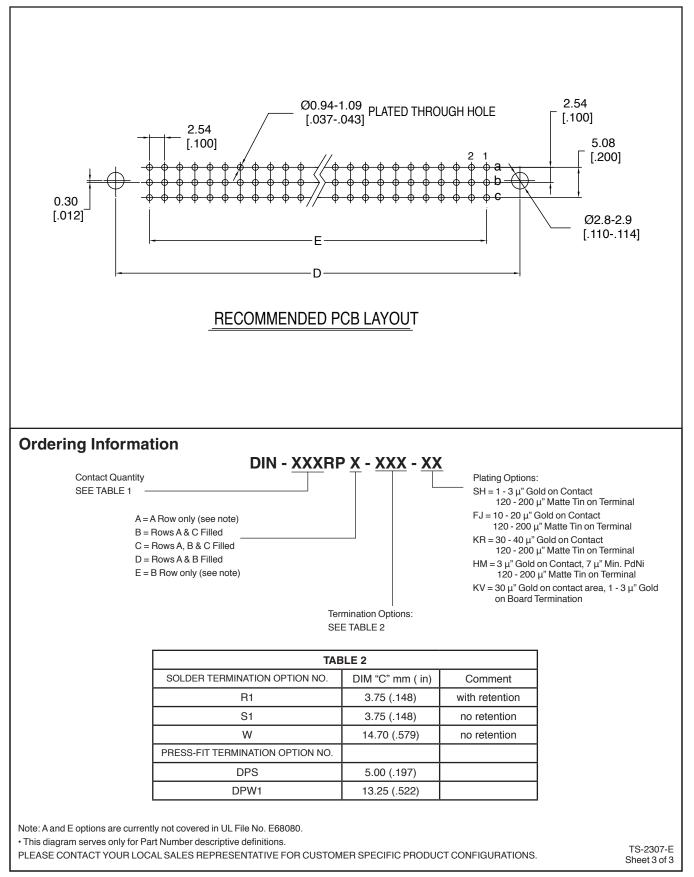
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