3MTM Wiremount Socket .100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)



- Industry standard IDC socket
- Positive locking metal "J" clips provide high cover retention
- Mates with 3M headers, plugs and pin strips for quick connect/disconnect capability
- Open or closed end covers available
- Accepts flat cable or discrete wire
- Military polarization, with or without centerbump
- Transfer adhesive on covers provides precision alignment between connector and cables resulting in high yield terminations
- Availability of pull tab to facilitate proper unplugging
- Availability of 2 types of strain relief (standard and low profile) to isolate the IDC interface
- Set the standard for MIL spec and IEC standardization
- Availability of Military and Center Bump polarization
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3mconnectors.com for compliance information (RIA E1 & C1 apply)

Date Modified: July 23, 2009

TS-0718-D Sheet 1 of 3

Physical

Insulation:

Material:Glass Filled Polyester (PBT)Flammability:UL 94V-0Color:GrayContact:Copper AlloyJ Clip Material:Copper AlloyJ Clip Material:Stainless SteelPlating:100 μ" [2.54 μm] NickelWiping Area:30 μ" [0.76 μm] GoldWire Accommodation:26 and 28 AWG Solid and StrandedMarking:3M Logo, Part Identification Number and Orientation Triangle

Electrical

Current Rating: 1 A **Insulation Resistance:** $> 1 \times 10^{9}\Omega$ at $500 V_{DC}$ **Withstanding Voltage:** $1000 V_{RMS}$ at Sea Level

Environmental

Temperature Rating: -55°C to +105°C

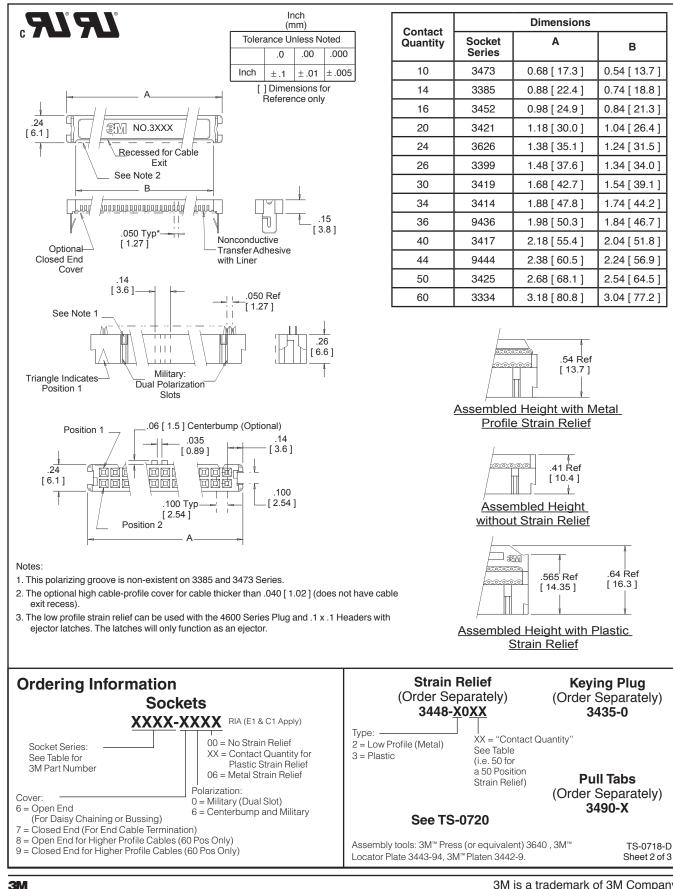
UL File No.: E68080

3M Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/

3M[™] Wiremount Socket

.100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)

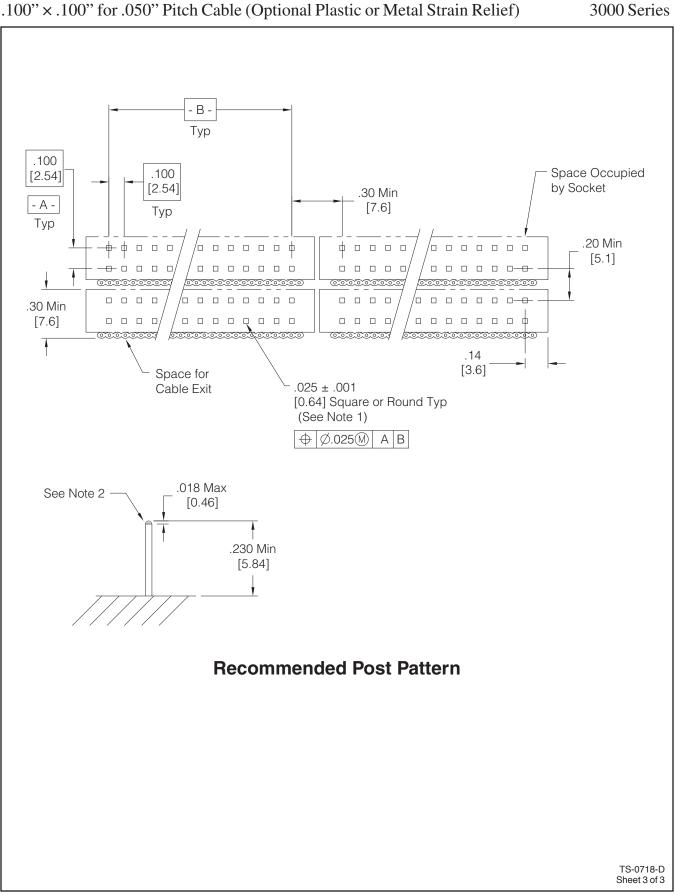
3000 Series



SM

Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/ 3M is a trademark of 3M Company. For technical, sales or ordering information call 800-225-5373

3MTM Wiremount Socket .100" × .100" for .050" Pitch Cable (Optional Plastic or Metal Strain Relief)



3M Electronic Solutions Division Interconnect Solutions http://www.3M.com/interconnects/

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



3M Electronics Solutions Division 6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3mconnectors.com

Please recycle. Printed in USA. © 3M 2009. All rights reserved.

3M is a trademark of 3M Company.