

.100" × .100" Wiremount Socket

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

3000 Series



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- Industry standard IDC socket
- Optional plastic or low profile metal strain relief
- 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

Date Modified: July 30, 2001

TS-0718-05
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Physical

Insulation

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact

Material: Copper Alloy

Plating

Underplate & U-Slot: 100 μ " [2.54 μ m] Nickel — QQ-N-290, Class 2

Wiping Area: 30 μ " [0.76 μ m] Gold — MIL-G-45204, Type II, Grade C

Wire Accommodation: 26 & 28 AWG Solid or Stranded

Marking: 3M Logo, Part Identification Number and Orientation Triangle

Electrical

Current Rating: 1 A

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

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating: -55°C to $+105^\circ\text{C}$

UL File No.: UL File No.: E68080

3M Interconnect Solutions Division

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800-225-5373