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 [Printer-friendly format](#) **3M™ .100" x .100" Preassembled Wiremount Socket, 20 Contacts, 89120-0103**



.100" x .100" for .050" Pitch Cable, Preassembled, Flat Cable Connector, Center Bump Key, Open Cover, Phos Bronze Contact, 30u" Gold Plating, With Strain Relief

[\[click to enlarge\]](#)

3M Id : 80-6106-5719-1
GTIN(UPC/EAN) : 0 00 54007 51543 2

Additional Information

- Preassembled, terminates faster than two-piece sockets
- "Sword" packaging makes easy loading of manual and semi-automatic assembly equipment
- "Bumps" prevent premature latch locking during shipment
- Optional double-sided adhesive pull tab for easy unplugging
- Double-recessed cover for cable terminating from either side eliminates need for single-recessed cover

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[3M™Pak100Preassem.WM Skt...100"x.100"for .050"PitchCbl,TS0449 - Data Sheet \(PDF 345.0 K\)](#)

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Characteristics

Conductor Accommodation	26 & 28 AWG Stranded
Connector Cover Style	PlasticClip Preassembled OpenEnds DualRecess
Contact Material	Copper Alloy
Contact Termination Area Plating	None
Contact Underplating	100 μ" [2.54 μm] Nickel
Contact Wiping Area Plating	30 μ" [0.76 μm] Gold
Current Rating	1 Ampere
Insulation Color	Gray
Insulation Flammability Rating	UL 94V-0
Insulation Material	Glass Filled Polyester (PBT)
Insulation Resistance	>1 X 109 Ohms @ 500 Vdc
Interface Grid	.100" x .100"
Interface Style	Rectangular Socket

Markings	3M Logo, Part Identification Number and Orientation Triangle
Non-Operating Temperature	-55 to 105 Degree Celsius
Number of Contact Rows	2
Number of Contacts	20
Pitch	.050 Inch
Polarization	Dual Slots & Centerbump
Primary Trademark Name	3M
Separable	Yes
Strain Relief Type	Plastic
Termination Method	Insulation Displacement
Termination Style	Multiple Wires
Withstanding Voltage	1000 Vrms at Sea Level