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Printer-friendly format 3M™ .050" X .100" Tripolarized Wiremount Mini Socket, 82020-6006



20 contacts, .025" Pitch Cable, Optional Metal Strain Relief, With strain relief.

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

3M Id : 80-6200-9869-1
GTIN(UPC/EAN) : 0 00 54007 76027 6

Additional Information

The .050" X .100" Tripolarized Wiremount Mini Socket is available in nine sizes (20-100 positions), has a rugged tripolarized mating system, and a hill-n-date design that provides a high performance IDC interface. It also has a metal cover latch and strain relief for long term reliability and insert molded copper alloy contacts for superior strength and reliability. Available option is 3448-020

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[Packaging Data](#)

[3M™ .050 in. Tripol.WM](#)

[Skt,.050"x.100"for.025"PtchCbl.,TS0254 - Data Sheet \(PDF 337.5 K\)](#)

[3M™ .050" Tripolarized Wiremount Skt.,Mating & Access. Chart - Product Selection Guide \(PDF 132.6 K\)](#)

Please Note:

Adobe® Acrobat® Reader is required to view PDF documents.



Characteristics

Conductor Accommodation	30 AWG Solid, 30 AWG Pleated Foil, and 30 AWG Stranded
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	0.5 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	.050" x .100"
Interface Style	Rectangular Socket
Markings	3M Logo and Orientation Triangle
Non-Operating Temperature	-55 to 105 Degree Celsius

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Number of Contact Rows	2
Number of Contacts	20
Pitch	.025 Inch
Polarization	Tripolarized
Primary Trademark Name	3M
Separable	Yes
Strain Relief Type	Metal
Termination Method	Insulation Displacement
Termination Style	Multiple Wires
Withstanding Voltage	500 Vrms at Sea Level