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**Printer-friendly format 3M™ .050" X .100" Tripolarized Wiremount Mini Socket, 82050-6006**



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

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

3M Id : 80-6200-9861-8  
GTIN(UPC/EAN) : 0 00 54007 76039 9

**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 3448-050

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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**

<b>Conductor Accommodation</b>	30 AWG Solid, 30 AWG Pleated Foil, and 30 AWG Stranded
<b>Contact Material</b>	Copper Alloy
<b>Contact Termination Area Plating</b>	None
<b>Contact Underplating</b>	100 μ" [2.54 μm] Nickel
<b>Contact Wiping Area Plating</b>	30 μ" [0.76 μm] Gold
<b>Current Rating</b>	0.5 Ampere
<b>Insulation Color</b>	Gray
<b>Insulation Flammability Rating</b>	UL 94V-0
<b>Insulation Material</b>	Glass Filled Polyester (PBT)
<b>Insulation Resistance</b>	>1 X 109 Ohms @ 500 Vdc
<b>Interface Grid</b>	.050" x .100"
<b>Interface Style</b>	Rectangular Socket
<b>Markings</b>	3M Logo and Orientation Triangle
<b>Non-Operating Temperature</b>	-55 to 105 Degree Celsius

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<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	50
<b>Pitch</b>	.025 Inch
<b>Polarization</b>	Tripolarized
<b>Primary Trademark Name</b>	3M
<b>Separable</b>	Yes
<b>Strain Relief Type</b>	Metal
<b>Termination Method</b>	Insulation Displacement
<b>Termination Style</b>	Multiple Wires
<b>Withstanding Voltage</b>	500 Vrms at Sea Level