

## Solutions for Electronic Specialty Markets (ESM)

### Product Catalog for Electronic Specialty Markets

- 3M™ Electronic Specialty Markets - New Product Releases
- 3M™ Abrasives
- 3M™ Adhesives, Cleaners & Compounds
- 3M™ Breadboards & Test Clips
- 3M™ Cable & Assemblies
- **3M™ Copper Interconnects**
- 3M™ Fiber Optics
- 3M™ Fire Protection
- 3M™ Heat Shrink
- 3M™ Identification Systems
- 3M™ Occupational Health & Safety Products
- 3M™ Protective Bumpers
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- 3M™ Tapes
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- 3M™ Warehousing & Packaging Supplies
- 3M™ Wire Connectors

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## [Printer-friendly format](#) **3M™ .100" X .100" Wiremount Socket, 16 Contacts, 89116-0101**



**.100" x .100" for .050" Pitch Cable, Preassembled, Flat Cable Connector, Center Bump Key, Open Cover, Phosphorus Bronze Contact, 30u" Gold Plating**

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

GTIN(UPC/EAN) : 0 00 54007 54463 0  
3M Id : 80-6107-0648-5

### Additional Information

#### Learn More . . .

##### [Packaging Data](#)

[89116-0101, 3D IGES, rev. 01 - 3D Models \(ZIP 142.9 K\)](#)

[89116-0101, 3D Parasolid, rev. 01 - 3D Models \(ZIP 63.1 K\)](#)

[89116-0101, 3D Step, rev. 01 - 3D Models \(ZIP 44.2 K\)](#)

### Characteristics

<b>China RoHS - Below MCV</b>	Yes
<b>Conductor Accommodation</b>	26 & 28 AWG Stranded
<b>Connector Cover Style</b>	PlasticClip Preassembled OpenEnds DualRecess
<b>Contact Material</b>	Phosphor Bronze
<b>Contact Termination Area Plating</b>	None
<b>Current Rating</b>	1 Ampere
<b>EPC Can View</b>	Public
<b>EU RoHS Compliant</b>	Yes
<b>Flammability</b>	UL 94V-0
<b>Insulation Color</b>	Gray
<b>Insulation Material</b>	Glass Filled Polyester (PBT)
<b>Insulation Resistance</b>	>1 X 10 <sup>9</sup> Ohms @ 500 Vdc
<b>Interface Grid</b>	.100" x .100"
<b>Interface Style</b>	Rectangular Socket
<b>Marking</b>	3M Logo and Orientation Triangle
<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	16

<b>Pitch</b>	0.100 Inch
<b>Polarization</b>	Dual Slots & Centerbump
<b>Primary Trademark Name</b>	3M
<b>Separable</b>	Yes
<b>Strain Relief Type</b>	None
<b>Temperature Rating</b>	-55 Degree C to +105 Degree C
<b>Termination Method</b>	Insulation Displacement
<b>Termination Style</b>	Multiple Wires
<b>Underplating</b>	50 microinches [1.27 micrometers] Nickel
<b>Wiping Area (Plating)</b>	30 microinches [0.76 micrometer] Gold
<b>Withstanding Voltage</b>	1000 Vrms at Sea Level