

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
- 3M™ Reclosable Fasteners
- 3M™ Splicing, Terminating & Ducting
- 3M™ Static Control
- 3M™ Tapes
- 3M™ Terminals, Kits & Tools
- 3M™ Vacuums & Accessories
- 3M™ Warehousing & Packaging Supplies
- 3M™ Wire Connectors

[Product Catalog for Electronic Specialty Markets](#) >
[3M™ Copper Interconnects](#) >
[Wiremount Sockets](#) >
[Wiremount Sockets, .100 in x .100 in, Preassembled, 891 Series](#) >

Printer-friendly format
3M™ .100" X .100" Wiremount Socket, 44 Contacts, 89144-0101



.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 54496 8  
3M Id : 80-6107-0680-8

Additional Information

Learn More . . .

[Packaging Data](#)  
[89144-0101, 3D IGES, rev. 01 - 3D Models \(ZIP 63.2 K\)](#)  
[89144-0101, 3D Parasolid, rev. 01 - 3D Models \(ZIP 142.9 K\)](#)  
[89144-0101, 3D Step, rev. 01 - 3D Models \(ZIP 45.1 K\)](#)

Characteristics

China RoHS - Below MCV	Yes
Conductor Accommodation	26 & 28 AWG Stranded
Connector Cover Style	PlasticClip Preassembled OpenEnds DualRecess
Contact Material	Phosphor Bronze
Contact Termination Area Plating	None
Current Rating	1 Ampere
EPC Can View	Public
EU RoHS Compliant	Yes
Flammability	UL 94V-0
Insulation Color	Gray
Insulation Material	Glass Filled Polyester (PBT)
Insulation Resistance	>1 X 10^9 Ohms @ 500 Vdc
Interface Grid	.100" x .100"
Interface Style	Rectangular Socket
Marking	3M Logo and Orientation Triangle
Number of Contact Rows	2
Number of Contacts	44

<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