

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
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- 3M™ Tapes
- 3M™ Terminals, Kits & Tools
- 3M™ Vacuums & Accessories
- 3M™ Warehousing & Packaging Supplies
- 3M™ Wire Connectors

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[Printer-friendly format](#) **3M™ .100" X .100" Wiremount Socket, 40 Contacts, 89140-0101**



.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 51563 0
3M Id : 80-6106-5739-9

Additional Information

Learn More . . .

[Packaging Data](#)

[89140-0101, 3D IGES, rev. 01 - 3D Models \(ZIP 62.3 K\)](#)

[89140-0101, 3D Parasolid, rev. 01 - 3D Models \(ZIP 143.8 K\)](#)

[89140-0101, 3D Step, rev. 01 - 3D Models \(ZIP 43.7 K\)](#)

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	40

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