

## 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

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### [Printer-friendly format](#) **3M™ 2 mm Wiremount Socket, 50 Contacts, 152250-0100-GB**



**2 mm x 2 mm for 1 mm Pitch Cable, Preassembled Open Cover, No Polarization, No Strain Relief, 30µ" [0.76µm] Avg Gold Plating. Available option is 3435 Keying Plug, ordered separately.**

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

GTIN(UPC/EAN) : 0 00 51138 25835 1  
3M Id : 80-6104-9021-3

### Additional Information

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

[152250-0x00xx, 3D IGES, rev. 01 - 3D Models \(ZIP 157.8 K\)](#)

[152250-0x00xx, 3D Parasolid, rev. 01 - 3D Models \(ZIP 136.1 K\)](#)

[152250-0x00xx, 3D Step, rev. 01 - 3D Models \(ZIP 93.9 K\)](#)

### Characteristics

China RoHS - Below MCV	Yes
Conductor Accommodation	28 AWG Stranded
Connector Cover Style	PlasticClip Preassembled OpenEnds
Contact Material	Copper Alloy
Contact Termination Area Plating	None
Contact Underplating	50-150 µ" [1.27-3.81 µm] Nickel
Contact Wiping Area Plating	30 µ" [0.76 µm] Gold
Current Rating	1 Ampere
EPC Can View	Public
EU RoHS Compliant	Yes
Insulation Color	Gray
Insulation Flammability Rating	UL 94V-0
Insulation Material	Glass Filled Polyester (PBT)
Insulation Resistance	>1 X 10 <sup>9</sup> Ohms @ 500 Vdc
Interface Grid	2mm x 2mm
Interface Style	Rectangular Socket

<b>Markings</b>	3M Logo and Orientation Triangle
<b>Mounting Option</b>	None
<b>Non-Operating Temperature</b>	-67 to 221 Degree Fahrenheit
<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	50
<b>Pitch</b>	0.100 Inch
<b>Polarization</b>	None
<b>Primary Trademark Name</b>	Metpak
<b>Separable</b>	Yes
<b>Strain Relief Type</b>	None
<b>Termination Method</b>	Insulation Displacement
<b>Termination Style</b>	Multiple Wires
<b>Withstanding Voltage</b>	1000 Vrms at Sea Level