

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™ .100 in. Wiremount Socket, .100" x .100", 40 Contacts, 3417-7600**



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

GTIN(UPC/EAN) : 0 00 54007 33645 7
3M Id : 80-6101-2099-2

.100" x .100" for .050" Pitch Cable, Closed end cover (for end cable termination), Military and Centerbump Polarization, No strain relief, Available options are 3448 Strain Relief, 3435-0 Keying Plug and 3490 Pull Tab, all ordered separately.

Additional Information

Learn More . . .

[Packaging Data](#)

[3417-7600, 3D IGES, rev. 01 - 3D Models \(ZIP 85.3 K\)](#)

[3417-7600, 3D Parasolid, rev. 01 - 3D Models \(ZIP 89.0 K\)](#)

[3417-7600, 3D Step, rev. 01 - 3D Models \(ZIP 61.3 K\)](#)

Characteristics

China RoHS - Below MCV	Yes
Conductor Accommodation	26 & 28 AWG Solid or Stranded
Connector Cover Style	MetalClip Separate ClosedEnd, NoRecess
Contact Material	Copper Alloy
Contact Termination Area Plating	None
Contact Underplating	100 μ" [2.54 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 ⁹ Ohms @ 500 Vdc
Interface Grid	.100" x .100"
Interface Style	Rectangular Socket
Markings	3M Logo, Part Identification Number and Orientation Triangle

Non-Operating Temperature	-55 to 105 Degree Celsius
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
Termination Method	Insulation Displacement
Termination Style	Multiple Wires
Withstanding Voltage	1000 Vrms at Sea Level