

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™ 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™ 2mm X 2mm Boardmount Socket, 150220-5002-TB**



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

GTIN(UPC/EAN) : 0 00 51138 26395 9
3M Id : 80-1300-8110-4

20 contacts, Right Angle, Solder Tails, Standard packaging, Standoff height code .015" (standard), With board location post, Plating 30µ" [0.76µm] gold.

Additional Information

The 2mm x 2mm Boardmount Sockets are high temperature dielectric and IR vapor and wave solder compatible. They are end stackable and maximize PC board space. These Boardmount Sockets mate with 2.5 hard drives for direct connect applications and pin headers for board stacking applications.

Learn More . . .

[Packaging Data](#)

[3M™ 2 mm Boardmount Skt, 2mm x 2mm RA, Solder Tails, TS0520 - Data Sheet \(PDF 265.0 K\)](#)

Please Note:

Adobe® Acrobat® Reader is required to view PDF documents.



Characteristics

Contact Material	Copper Alloy
Contact Termination Area Plating	30 µ" [0.76 µm] Gold
Contact Underplating	50-150 µ" [1.27-3.81 µm] Nickel
Current Rating	1.5 Ampere
EPC Can View	Public
EU RoHS Compliant	No
Insulation Color	Ivory (Natural)
Insulation Flammability Rating	UL 94V-0
Insulation Material	Glass Filled Polyester (PCT)
Insulation Resistance	>5 X 10 ⁹ Ohms @ 250 Vdc
Interface Grid	2mm x 2mm
Interface Style	Rectangular Socket
Markings	3M Logo and Orientation Triangle
Mounting Option	None

Non-Operating Temperature	-55 to 105 Degree Celsius
Number of Contacts	20
Orientation	Vertical
Primary Trademark Name	Metpak
Separable	Yes
Termination Method	Thru Hole
Termination Style	Multiple Wires
Withstanding Voltage	500 Vrms at Sea Level