

## 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 Boardmount Socket, Straight, Solder Tails, 40 Contacts, 150240-6002-TB**



**40 contacts, 2 mm x 2 mm, Solder tail length .100" (2.54 mm), Plating 30µ" [0.76 µm] gold with tin-lead solder tails**

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


GTIN(UPC/EAN) : 0 00 51138 26289 1  
3M Id : 80-1300-8003-1

### Additional Information

**Learn More . . .**

[Packaging Data](#)  
[3M™ 2 mm Boardmount Skt,2mm x 2mm Surface Mount, TS0519 - Data Sheet \(PDF 451.5 K\)](#)

**Please Note:**  
Adobe® Acrobat® Reader is required to view PDF documents.



### Characteristics

China RoHS - Below MCV	No
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 <sup>9</sup> Ohms @ 250 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>	-55 to 105 Degree Celsius
<b>Number of Contacts</b>	40
<b>Orientation</b>	Horizontal
<b>Pitch</b>	2.0 Millimetre
<b>Primary Trademark Name</b>	Metpak
<b>Separable</b>	Yes
<b>Tail Length</b>	.100 Inch
<b>Termination Method</b>	Thru Hole
<b>Termination Style</b>	Multiple Wires
<b>Withstanding Voltage</b>	500 Vrms at Sea Level