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
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- 3M™ Wire Connectors

Other Tools

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Product Catalog for Electronic Specialty Markets › 3M™ Copper Interconnects › Headers › Low Profile, .100 in x .100 in Straight, 2500 Series ›

Printer-friendly format 3M™ .100 in. 4-Wall Header, High Temp Option, Straight, 24 Contacts, 2524-6002UB

[click to enlarge]

.100" x .100" Low Profile, Bend pad option straight contact product with bend pad, Solder tails for .062 [1.57] thick board, Mating plating thickness solder tail versions 30µ" [0.76µm].

3M Id : 80-6105-6519-6
GTIN(UPC/EAN) : 0 00 54007 82729 0

Additional Information

Learn More . . .

Packaging
Data

· Low profile, space saving design
· High temperature insulator suitable for "no lead" soldering operations
· Center slot polarization prevents mis-insertions and reduces insertion time
· Dual slot polarization means broader compatibility with competitive polarization designs
· Optional retainer clamp for locking sockets in place and increasing connection reliability in

Full Text . . .

Characteristics

Contact Termination Area Plating	200 µ" [5.08 µm] 90/10 Tin/Lead
Contact Underplating	100 µ" [2.54 µm] Nickel
Contact Wiping Area Plating	30 µ" [0.76 µm] Gold
Current Rating	2 Ampere
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	Header (Rectangular Plug)
Latch/Ejector Type	None
Markings	3M Logo and Orientation Triangle
Mounting Option	None
Non-Operating Temperature	-55 to 105 Degree Celsius
Number of Contact Rows	2
Number of Contacts	24
Number of Walls	4
Orientation	Vertical
Polarization	Military & Center Bump

Primary Trademark Name	3M
RoHS Compliant	No
Separable	Yes
Tail Length	.112 Inch
Termination Method	Solder Tail
Termination Style	Printed Circuit Board
Withstanding Voltage	1000 Vrms at Sea Level

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