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Printer-friendly format 3M™ .100 in. 4-Wall Header, High Temp Option, Straight, 14 Contacts, 2514-6002UB

.100" x .100" Low Profile, Solder tails for .062 [1.57] thick board, Mating plating thickness solder tail versions 30µ" [0.76µm].



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

3M Id : 80-6105-6507-1
GTIN(UPC/EAN) : 0 00 54007 82717 7

Additional Information

- 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

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[3M™ .100"x .100" B2W, Low Profile Hdrs. & 4-Wall Hdrs. - Product Selection Guide \(PDF 77.1 K\)](#)

[3M™ .100"x .100" WM Skt. to BM Skt., Mating & Access. Charts - Product Selection Guide \(PDF 100.4 K\)](#)

[3M™ .100"x .100"B2B Polarized Sckts., Mating & Access. Charts - Product Selection Guide \(PDF 83.2 K\)](#)

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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 109 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	14
Number of Walls	4
Orientation	Vertical
Polarization	Military & Center Bump
Primary Trademark Name	3M
Separable	Yes
Tail Length	.112 Inch
Termination Method	Solder Tail
Termination Style	Printed Circuit Board
Withstanding Voltage	1000 Vrms at Sea Level