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[3M™ .100" x .100" Low Profile Header, Straight, 4 Wall, 2500 Series](#) > [3M™ .100" x .100" Low Profile Header, Straight, 4 Wall, 20 Contacts, 2520 Series](#) >

Printer-friendly format 3M™ .100 in. 4-Wall Header, High Temp Option, Straight, 20 Contacts, 2520-6003UB



.100" x .100" Low Profile, Bend pad option straight contact product with bend pad, Solder tails for .094 to .125 [2.39 to 3.18] thick board, Mating plating thickness solder tail versions 30μ" [0.76μm].

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

3M Id : 80-6105-7433-9
 GTIN(UPC/EAN) : 0 00 54007 83676 6

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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[Packaging Data](#)

[3M™ .100 in. 4-Wall Hdr.,LP,Straight & RA,High Temp, TS0770 - Data Sheet \(PDF 219.5 K\)](#)

[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"CHG Polarized WM Skt.,Mating & Access.Charts - Product Selection Guide \(PDF 76.2 K\)](#)

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

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Characteristics

Contact Material	Brass
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 Color	Black
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"

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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	20
Number of Walls	4
Orientation	Vertical
Polarization	Military & Center Bump
Primary Trademark Name	3M
Separable	Yes
Tail Length	.155 Inch
Termination Method	Solder Tail
Termination Style	Printed Circuit Board
Withstanding Voltage	1000 Vrms at Sea Level