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3M™ .100 in. 4-Wall Header, High Temp Option, Straight, 30 Contacts, N2530-6002UB

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.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].

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

3M Id : 80-6107-1484-4
GTIN(UPC/EAN) : 0 00 51138 32730 9

Check current distributor inventory now!

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3D CAD Models

These drawings require a CAD program to view and the [WinZip software](#) to open the compressed files.

[3M™ Pak 100 4-Wall Header, High Temp Option, Straight, 30 Contacts, N2530-6002UB](#)

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

[Full Text . . .](#)

Characteristics

Learn More . . .

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

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



Contact Material	Copper Alloy
Contact Termination Area Plating	200 μ " [5.08 μ m] 60/40 Tin/Lead
Contact Underplating	100 μ " [2.54 μ m] Nickel
Contact Wiping Area Plating	30 μ " [0.76 μ m] Gold
Current Rating	1 Ampere
Insulation Color	Beige
Insulation Flammability Rating	UL 94V-0
Insulation Material	Glass Filled Polyester (PCT)
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, Part Identification Number and Orientation Triangle
Mounting Option	None
Non-Operating Temperature	-55 to 105 Degree Celsius
Number of Contact Rows	2
Number of Contacts	30
Number of Walls	4
Orientation	Vertical
Polarization	Military & Center Bump, Dual Bump
Primary Trademark Name	--Trademark not listed
Process Temperature Rating	<=235 Degrees C, with 90 Seconds over 215 Degrees C
Separable	Yes
Tail Length	.112 Inch
Termination Method	Solder Tail
Termination Style	Printed Circuit Board
Withstanding Voltage	1000 Vrms at Sea Level