Heat Tracing

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Product Catalog for 3M Mining > 3M Electronics Manufacturing . . . 3M™ .100" x .100" Latch/Ejector Header, 4 Wall, 3000 Series > 3M™ 4 Wall, Latch/Ejector Headers, 20 Contacts, 3428 Series >

3M™ 4-Wall Header .100 in., High Temp Option, Straight, 20 Contacts, 3428-6502UG

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.100" x .100" Latch/Ejector, Standard, 4 wall straight solder tail, Short Snap-In Latch/Ejectors (3M Part#3505-30), Solder tails for .062[1.57] thick board 15µ" gold plating.

[click to enlarge]

3M Id : 80-6108-1204-4
GTIN(UPC/EAN) : 0 00 51138 43539 4

Additional Information

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Packaging Data
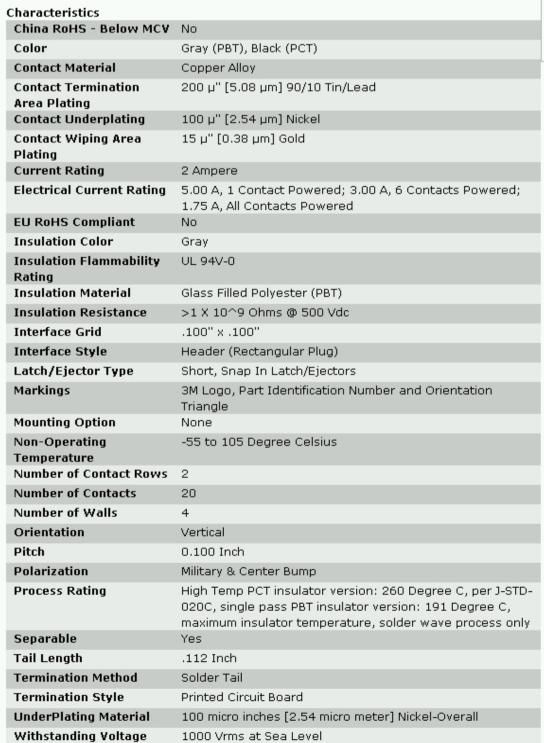3M™ .100 in. 4-Wall Hdr.,Latch/Ejector,High Temp Opt.,TS0772 - Data Sheet (PDF 1.3 MB)

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Characteristics

China RoHS - Below MCV	No
Color	Gray (PBT), Black (PCT)
Contact Material	Copper Alloy
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	15 µ" [0.38 µm] Gold
Current Rating	2 Ampere
Electrical Current Rating	5.00 A, 1 Contact Powered; 3.00 A, 6 Contacts Powered; 1.75 A, All Contacts Powered
EU RoHS Compliant	No
Insulation Color	Gray
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	Short, Snap In Latch/Ejectors
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	20
Number of Walls	4
Orientation	Vertical
Pitch	0.100 Inch
Polarization	Military & Center Bump
Process Rating	High Temp PCT insulator version: 260 Degree C, per J-STD-020C, single pass PBT insulator version: 191 Degree C, maximum insulator temperature, solder wave process only
Separable	Yes
Tail Length	.112 Inch
Termination Method	Solder Tail
Termination Style	Printed Circuit Board
UnderPlating Material	100 micro inches [2.54 micro meter] Nickel-Overall
Withstanding Voltage	1000 Vrms at Sea Level

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