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 **Printer-friendly format 3M™ Mini D Ribbon (MDR) Connectors, Wiremount Plugs & Accessories, Solder Plug Connector, Non-RoHS Compliant, 10120-3000VE .050", 20 contacts, Shielded, 101 Series**



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

3M Id : JE-1501-8027-9  
GTIN(UPC/EAN) : 0 49 01690 08941 1

**Additional Information**

- Wiper-on-wiper contact for reliable repetitive plugging
- Solder cup termination requires no special tooling
- Accepts a wide variety of discrete wire (24 to 30 AWG) cable construction
- Contacts: 14, 20, 26, 36, 40 and 50
- RoHS compliant version available (JE-1503-3282-1)

For more information, refer to TS0669 (TS-0669).

**Learn More . . .**

- [Packaging Data](#)
- [3M™ I/O MDR Copper Conn., .050" Mating & Accessory Charts - Product Selection Guide \(PDF 36.6 K\)](#)
- [3M™ MDR,.050" Solder Plug Connector, Shielded, TS0669 - Data Sheet \(PDF 276.0 K\)](#)

**Please Note:**

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



**Characteristics**

<b>Contact Material</b>	Copper Alloy
<b>Contact Termination Area Plating</b>	None
<b>Contact Underplating</b>	80µ" [2.03 µm] Nickel
<b>Contact Wiping Area Plating</b>	20 µ" [0.50 µm] Gold
<b>Current Rating</b>	1 Ampere
<b>Insulation Color</b>	Black
<b>Insulation Flammability Rating</b>	UL 94V-0
<b>Insulation Material</b>	Glass Filled Polyester (PBT)
<b>Insulation Resistance</b>	>5 X 108 Ohms @ 500 Vdc
<b>Interface Grid</b>	.050"
<b>Interface Style</b>	Mini Delta Ribbon Plug
<b>Markings</b>	3M Logo, Part Identification Number
<b>Non-Operating Temperature</b>	-55 to 105 Degree Celsius
<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	20

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- Enterprise Networks

<b>Pitch</b>	.050 Inch
<b>Primary Trademark Name</b>	3M
<b>Separable</b>	Yes
<b>Shield</b>	Yes
<b>Termination Method</b>	Solder Cup
<b>Termination Style</b>	Multiple Wires
<b>Withstanding Voltage</b>	500 Vrms at Sea Level