



3M Worldwide : United States : Electronics Manufacturing

## ▼ Solutions for Electronic Specialty Markets (ESM)

### ▼ Product Catalog for Electronic Specialty Markets

- 3M™ Electronic Specialty Markets - New Product Releases
- 3M™ Abrasives
- 3M™ Adhesives, Cleaners & Compounds
- 3M™ Breadboards & Test Clips
- 3M™ Cable & Assemblies
- **3M™ Copper Interconnects**
- 3M™ Fiber Optics
- 3M™ Fire Protection
- 3M™ Heat Shrink
- 3M™ Identification Systems
- 3M™ Occupational Health & Safety Products
- 3M™ Protective Bumpers
- 3M™ Reclosable Fasteners
- 3M™ Splicing, Terminating & Ducting
- 3M™ Static Control
- 3M™ Tapes
- 3M™ Terminals, Kits & Tools
- 3M™ Vacuums & Accessories
- 3M™ Warehousing & Packaging Supplies
- 3M™ Wire Connectors

### ◊ Other Tools

- What's New
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## [Printer-friendly format](#) **N102A0-52E2VC 100/MDR/RA/RECP/HITEMP/4-40/GRLK/30MIN**

### Characteristics

<b>Contact Material</b>	Copper Alloy
<b>Contact Termination Area Plating</b>	100 μ" [2.54 μm] 90/10 Tin/Lead
<b>Contact Underplating</b>	80μ" [2.03 μm] Nickel
<b>Contact Wiping Area Plating</b>	30 μ" [0.76 μm] Gold
<b>Current Rating</b>	1 Ampere
<b>Insulation Color</b>	Beige
<b>Insulation Flammability Rating</b>	UL 94V-0
<b>Insulation Material</b>	Glass Filled Polyester (PCT)
<b>Insulation Resistance</b>	>5 X 10 <sup>8</sup> Ohms @ 500 Vdc
<b>Interface Grid</b>	.050"
<b>Interface Style</b>	Mini Delta Ribbon Receptacle
<b>Markings</b>	3M Logo, Part Identification Number
<b>Mounting Option</b>	4-40 Panel/Ground Lock Board
<b>Non-Operating Temperature</b>	-55 to 105 Degree Celsius
<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	100
<b>Orientation</b>	Horizontal
<b>Primary Trademark Name</b>	3M
<b>Process Temperature Rating</b>	Max. 240 Degrees C, with 70 Sec over 200 Degrees C
<b>Separable</b>	Yes
<b>Shield</b>	Yes
<b>Tail Length</b>	.15 Inch
<b>Termination Method</b>	Solder Tail
<b>Termination Style</b>	Printed Circuit Board
<b>Withstanding Voltage</b>	500 Vrms at Sea Level

