



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
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- 3M™ Tapes
- 3M™ Terminals, Kits & Tools
- 3M™ Vacuums & Accessories
- 3M™ Warehousing & Packaging Supplies
- 3M™ Wire Connectors

### ◊ Other Tools

- What's New
- Sales Contacts
- U.S. Distributors

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[Product Catalog for Electronic Specialty Markets](#) > [3M™ Copper Interconnects](#) > [D-Sub](#) > [Wiremount Socket Connector, D Sub](#) >

## [Printer-friendly format](#) 3M™ D Sub Connectors, D Sub Socket, 9 Contacts, 8309-8000



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

3M Id : DE-6100-0731-7  
GTIN(UPC/EAN) : 0 00 51138 43334 5

**Open Cover w/o Adhesive, Preassembled, Mounting Style Ø.120 [3.05]. Available Option is 3448-8D9A Strain Relief, Ordered Separately. 100/Pack**

### Additional Information

- Available in either preassembled or two piece covers
- Available in either open or closed end cover
- Improved metal strain relief — hooks directly to metal shell
- Low profile
- Four mounting options
- RoHS compliant

For more information, refer to TS0235 (TS-0235).

### Learn More . . .

[Packaging Data](#)

[3M™ D Sub Socket, 8300 Series, TS0235 - Data Sheet \(PDF 336.6 K\)](#)

#### Please Note:

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



### Characteristics

<b>Conductor Accommodation</b>	26 & 28 AWG Solid or Stranded
<b>Contact Material</b>	Copper Alloy
<b>Contact Termination Area Plating</b>	None
<b>Contact Underplating</b>	100 µ" [2.54 µm] Nickel
<b>Contact Wiping Area Plating</b>	30 µ" [0.76 µm] Gold
<b>Current Rating</b>	1 Ampere
<b>Insulation Color</b>	Gray
<b>Insulation Flammability Rating</b>	UL 94V-0
<b>Insulation Material</b>	Glass Filled Polyester (PBT)
<b>Insulation Resistance</b>	>1 X 10 <sup>9</sup> Ohms @ 500 Vdc
<b>Interface Grid</b>	1.11"
<b>Interface Style</b>	D Sub Socket
<b>Markings</b>	3M Logo & Contact Position Numbers
<b>Mounting Option</b>	Mounting Flanges - .120" Dia Hole

<b>Non-Operating Temperature</b>	-55 to 105 Degree Celsius
<b>Number of Contact Rows</b>	2
<b>Number of Contacts</b>	9
<b>Pitch</b>	.050 Inch
<b>Primary Trademark Name</b>	3M
<b>Separable</b>	Yes
<b>Shield</b>	Yes
<b>Termination Method</b>	Insulation Displacement
<b>Termination Style</b>	Multiple Wires
<b>Withstanding Voltage</b>	1000 Vrms at Sea Level