

D Sub

Plug Connector

898 Series



- Preassembled, one-piece body can reduce assembly time to one-third
- Available in 9, 15, 25 and 37 positions
- Accepts .050" flat ribbon and discrete wire, 26 and 28 AWG, solid and stranded cable
- Choice of preassembled open or closed covers
- Friction dimples give EMI/ESD protection
- Special locator plate reduces the risk of misalignment during assembly
- Fiber-free PVC blister packages of 25 speed loading of automated assembly equipment
- Threaded inserts for built-in convenience
- Cable strain relief, hooking directly to the metal shell, available

Date Modified: September 23, 1999

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Physical

Insulation

Material: Glass Filled Polyester (PBT)
Flammability: UL 94V-0
Color: Gray

Contact

Material: Phosphor Bronze
Plating
Underplate: 50 μ " (1.27 μ m) Nickel — QQ-N-290, Class 2
Wiping Area: 15 μ " (0.38 μ m) Gold — MIL-G-45204, Type II, Grade C

Shell

Material: Steel
Plating: Tin

Strain Relief Material: Stainless Steel .016 (0.40) Thick

Wire Accommodation: 26 & 28 AWG Solid or Stranded

Marking: 3M Logo & Contact Position Numbers

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 VDC

Withstanding Voltage: 1000 Vrms at Sea Level

Environmental

Temperature Rating: -55° to $+105^\circ$

UL File No.: E68080

3M Interconnect Solutions Division

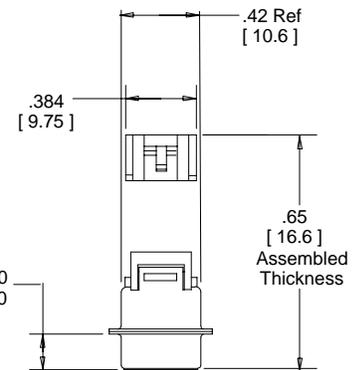
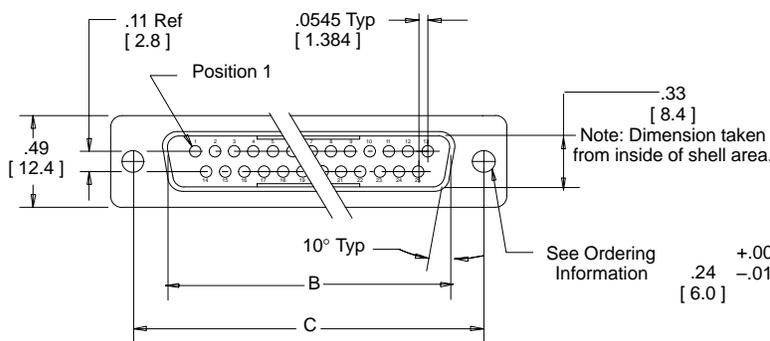
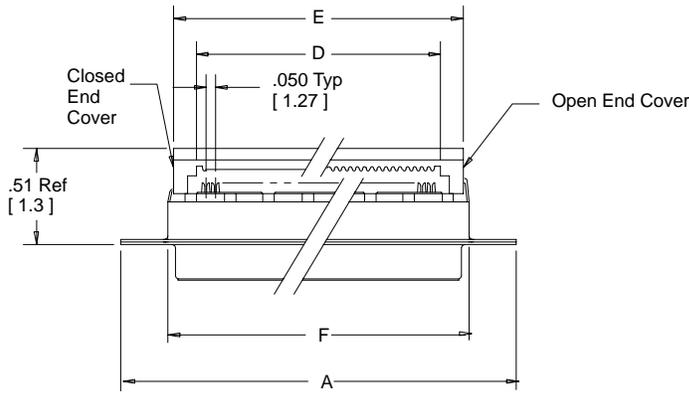
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Austin, TX 78726-9000

For technical, sales or ordering information call
800-225-5373

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| Contact Quantity | Dimensions | | | | | |
|------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | A | B | C | D | E | F ± .008 |
| 09 | 1.23 [31.2] | .67 [17.0] | .98 [24.9] | .46 [11.7] | .67 [17.0] | .70 [17.7] |
| 15 | 1.56 [39.6] | 1.00 [25.4] | 1.31 [33.3] | .76 [19.3] | .99 [25.2] | 1.03 [26.2] |
| 25 | 2.10 [53.3] | 1.54 [39.1] | 1.85 [47.0] | 1.27 [32.3] | 1.54 [39.1] | 1.57 [39.9] |
| 37 | 2.74 [69.6] | 2.18 [55.4] | 2.50 [63.5] | 1.87 [47.5] | 2.19 [55.6] | 2.22 [56.4] |



| Inch [mm] | | | |
|------------------------|-----|------|-------|
| Tolerance Unless Noted | | | |
| | .0 | .00 | .000 |
| Inch | ±.1 | ±.01 | ±.005 |

[] Dimensions for Reference only

Ordering Information

Connector 898XX-X00X

Contact Quantity

Cover Style:
8 = Open Cover
9 = Closed Cover
Closed End along Pin #1 Row

Mounting Style:
0 = ∅ .120 Hole
3 = 4-40 UNC

Strain Relief (Order Separately) 3448-8DXXA

09 = 9 Position
15 = 15 Position
25 = 25 Position
37 = 37 Position

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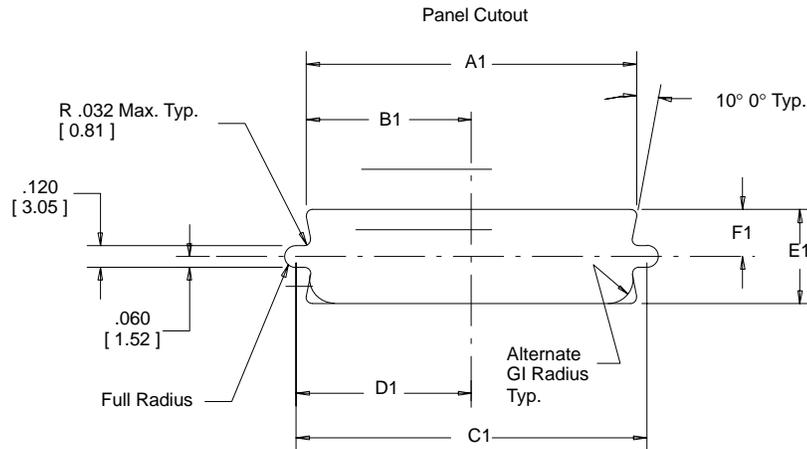
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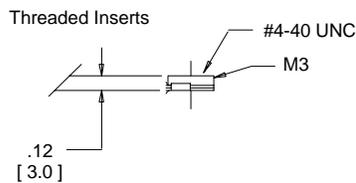
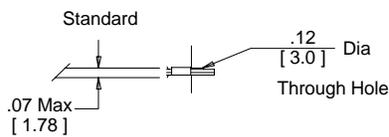
898 Series

| Mounting Method* | Contact Quantity | Dimensions | | | | | | |
|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|----------------|
| | | A1 | B1 | C1 | D1 | E1 | F1 | G1 |
| Front | 9 | .87 [22.0] | .44 [11.2] | .98 [24.9] | .49 [12.5] | .51 [13.0] | .26 [6.6] | .12 [3.1] |
| | 15 | 1.20 [30.5] | .60 [15.2] | 1.31 [33.3] | .66 [16.8] | | | |
| | 25 | 1.74 [44.2] | .87 [22.1] | 1.85 [47.0] | .93 [23.6] | | | |
| | 37 | 2.39 [60.7] | 1.20 [30.5] | 2.50 [63.5] | 1.25 [31.8] | | | |
| Rear | 9 | .81 [20.6] | .40 [10.2] | .98 [25.0] | .49 [12.5] | .45 [11.4] | .22 [5.8] | .12 [3.1] |
| | 15 | 1.13 [28.7] | .57 [14.5] | 1.31 [33.3] | .66 [16.8] | | | |
| | 25 | 1.67 [42.4] | .84 [21.3] | 1.85 [47.0] | .93 [23.6] | | | |
| | 37 | 2.33 [59.2] | 1.16 [29.5] | 2.50 [63.5] | 1.25 [31.6] | | | |

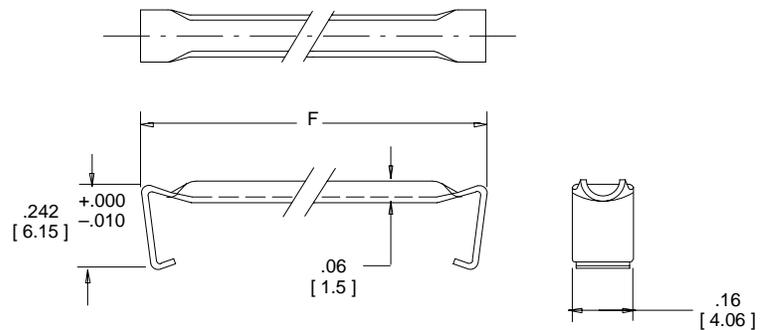
* Front Mount—The connector is mounted in front of the panel.
Rear Mount—The connector is mounted behind the panel.



Mounting Styles



Strain Relief (Order Separately or with Connector)



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