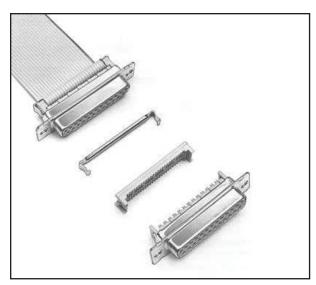
3M[™] D Sub Socket Connector, 8300 Series

Socket Connector 8300 Series



- Available in either open or closed end cover
- Available in preassembled open cover
- Improved metal strain relief hooks directly to metal shell
- · Low profile
- Four mounting options
- Regulatory Information: Visit 3M.com/regs or contact your 3M representative to find the RoHS compliance status of the 3M part you are interested in.

Date Modified: July 29, 2019

TS-0235-H Sheet 1 of 3

Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact Material: Copper Alloy

Plating:

Underplating: 50 μ" [1.27 μm] min Nickel Wiping Area: 30 μ" [0.76 μm] Gold

Shell:

Material: Steel Plating: Tin

Strain Relief Material: Stainless Steel .016 [0.40] Thick **Wire Accommodation:** 26 and 28 AWG Solid or Stranded

Marking: 3M Logo and Contact Position Numbers

Electrical

Current Rating: 1A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 V_{DC} **Withstanding Voltage:** 1000 V_{RMS} at Sea Level

Environmental

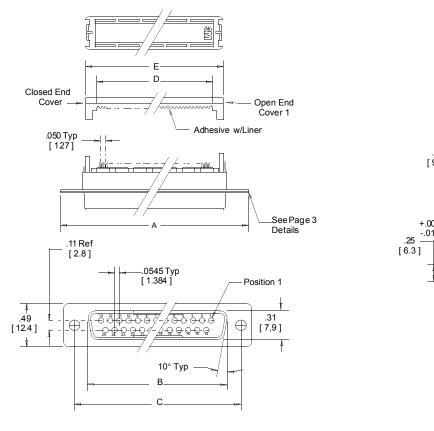
Temperature Rating: -55°C to +105°C

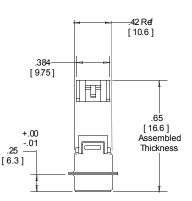
UL File No.: E68080

3M[™] D Sub Socket Connector, 8300 Series

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Contact Quantity	Dimensions										
	Α	В	С	D	E	F ± .008	G				
9	1.23 [31.2]	0.64 [16.33]	0.98 [25.0]	0.46 [11.75]	0.67 [16.92]	0.70 [17.9]	0.04 [1.0]				
15	1.54 [39.2]	0.97 [24.67]	1.31 [33.3]	0.76 [19.4]	0.99 [25.2]	1.03 [26.1]	0.05 [1.2]				
25	2.09 [53.0]	1.51 [38.37]	1.85 [47.0]	1.27 [32.2]	1.54 [39.0]	1.56 [39.7]	0.06 [1.4]				
37	2.73 [69.4]	2.16 [54.82]	2.50 [63.5]	1.87 [47.6]	2.19 [55.56]	2.22 [56.3]	0.07 [1.8]				





Inch

[] Dimensions for Reference Only

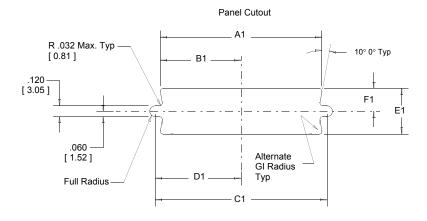
Ordering Information Strain Relief Connector (Order Separately) 83XX - X00X 3448 - 8DXXA Contact Quantity Mounting Style: 09 = 9 Position Cover Style: $0 = \emptyset$.120 [3.05] (E1 & C1 apply) 3 = 4-40 UNC (E5 & C3 apply) 15 = 15 Position 6= Open Cover 7= Closed Cover 9 = Rivet Crimp (E1 & C1 apply) 25 = 25 Position 8=Open Cover, 37 = 37 Position W/O Adhesive, Preassembled TS-0235-H Assembly tools: 3M™ Standard Assembly Press 3640 (or equivalent), 3M™ Locator Plate, 3443-106N, 3M™ Platen 3442-9. Sheet 2 of 3

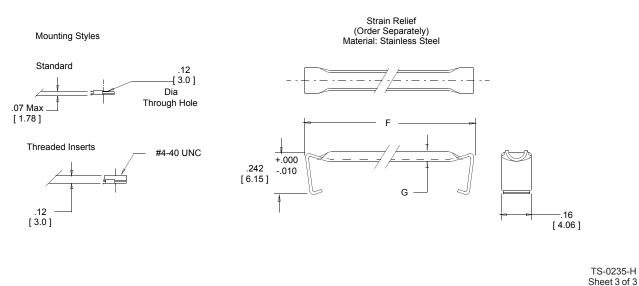
3M[™] D Sub Socket Connector, 8300 Series

Socket Connector 8300 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 [3.0]	
	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	0.81 [20.6]	.40 [10.2]	.98 [25.0]	.49 [12.5]	0.45 [11.4]	0.22 [5.6]	.12 [3.0]	
	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 [31.8]				

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





Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

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