

# 3M™ Mini D Ribbon (MDR) Connectors

.050" Plastic Shielded Junction Shell for Round Cable

103 Series



- Durable two piece plastic over two piece metal junction shell for straight round cable (compatible with 101XX-6000 EC plug)
- Quick release latching
- Contacts: 50, 68 and 80
- Regulatory Information: Visit [3M.com/regs](http://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 15, 2019

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## Physical

### Outer Shell

Material: Copolyester Elastomer  
Flammability: UL 94V-0  
Color: See Ordering Information

### Inner Shell

Material: Steel, .02 [ 0.5 ] Thick  
Plating: Nickel  
Marking: 3M Logo

UL File No.: E68080



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<http://www.3M.com/interconnect>

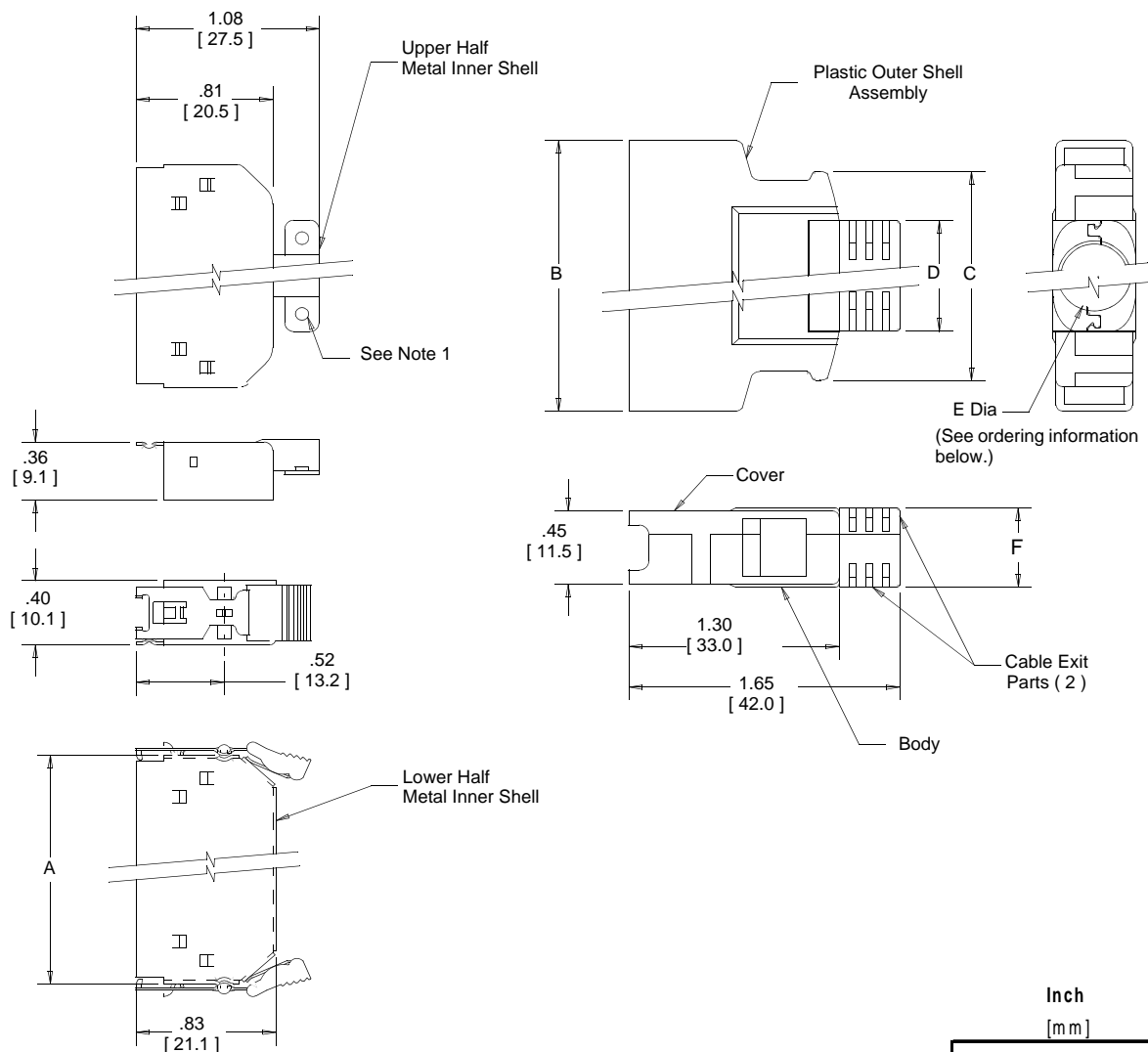
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CONTACT QTY.	DIMENSIONS					
	A	B	C	D	E	F
50	1.66 [42.3]	1.96 [49.9]	1.57 [40.0]	.68 [17.4]	SEE ORDERING INFO.	.48 [12.4]
68	2.11 [53.6]	2.41 [61.3]	2.02 [51.4]	.68 [17.4]		.48 [12.4]
80	2.41 [61.2]	2.67 [67.8]	2.33 [59.1]	.79 [20.2]		.54 [13.6]



## Note:

1. Part number includes a cable clamp and two M2.6 screws. These parts are not shown.
2. Panel thickness (including washers) 2.0 mm max.

Inch  
[mm]

Tolerance Unless Noted			
	.0	.00	.000
inch	±.1	±.01	±.005

[ ] Dimensions for Reference Only

## Ordering Information

**103XX-3280-00X-X** (RIA E1 & C1 apply)

Contact Quantity  
(See Table)

Cable Exit Inside Diameter of Bushing (Dim E)  
0 = 10.0 mm Ø  
1 = 11.0 mm Ø

Shell Color  
0 = Beige (Standard)  
3 = Gray (Special Order - 50 pos. only)  
6 = Black (Special Order - 80 pos. only)

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