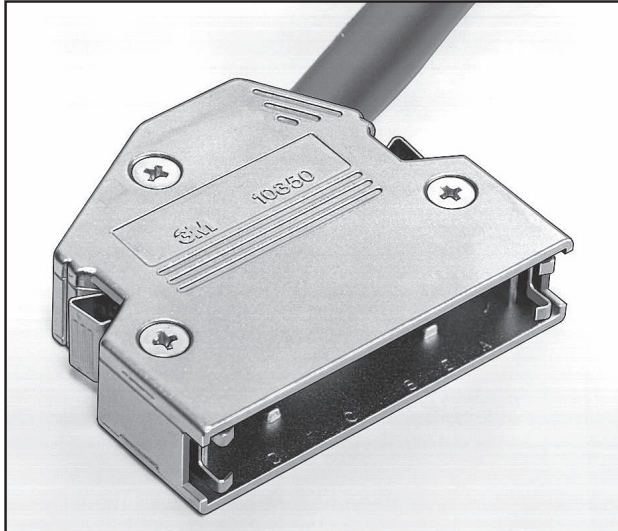# 3M™ Mini D Ribbon (MDR) Connectors

60° Metal Junction Shell for Round Cable

- 60° metal junction shell for round cable
- Rugged two-piece die cast metal shell with 60° round exit (compatible with 101XX-6000 EC plug)
- Reliable metal strain relief clamp provides grounding for cable shield
- Excellent EMI/ESD protection
- Quick release latching mechanism
- Positions: 14, 26, 36, 40, 50, 68, 80 and 100
- See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3mconnectors.com for compliance information

Date Modified: February 7, 2012

TS-0394-C
Sheet 1 of 3

Physical

Shell:

Material: Zinc Alloy

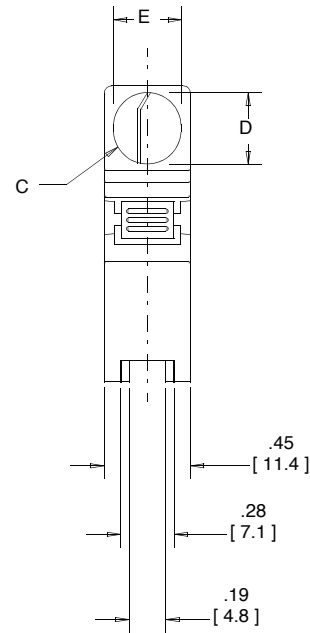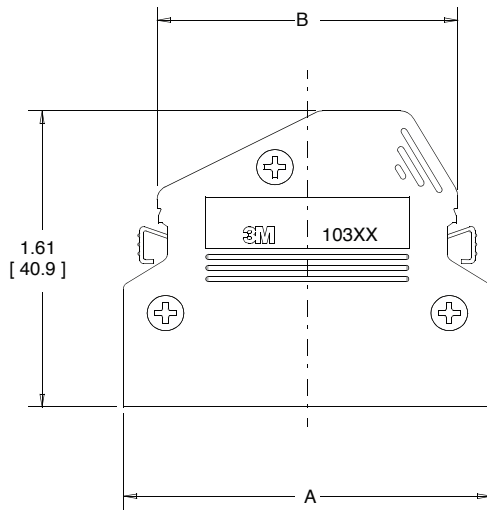Plating: Nickel

Marking: 3M Logo and Part Number Identification

3M™ Mini D Ribbon (MDR) Connectors

60° Metal Junction Shell for Round Cable

103 Series

Package Contents:
1 - Cable Clamp (Plated Steel)
3 - M2.6 Flat Head Screws
2 - M2.mm Pan Head Screws
2 - Metal Shell Halves
2 - Metal Latches

1.61 [40.9]

B

A

E

D

C

.45 [11.4]

.28 [7.1]

.19 [4.8]

Contact Quantity	Dimensions				
	A	B	C	D	E
14	1.01 [25.8]	.78 [19.9]	.27 [6.8]	—	—
26	1.32 [33.5]	.98 [24.8]	.33 [8.5]	—	—
36	1.57 [39.8]	1.22 [31.3]	.35 [9.0]	—	—
40	1.67 [42.4]	1.32 [33.7]	.35 [9.0]	—	—
50	1.92 [48.7]	1.57 [40.0]	—	.39 [10.0]	.35 [9.0]
68	2.37 [60.1]	2.02 [51.4]	—	.47 [12.0]	.35 [9.0]
80	2.67 [67.8]	2.33 [59.1]	—	.47 [12.0]	.35 [9.0]

Inch
(mm)

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

[ ] Dimensions for Reference Only

Ordering Information

103XX - C500 - 00

Contact Quantity (See Table)

TS-0394-C
Sheet 2 of 3

3M™ Mini D Ribbon (MDR) Connectors

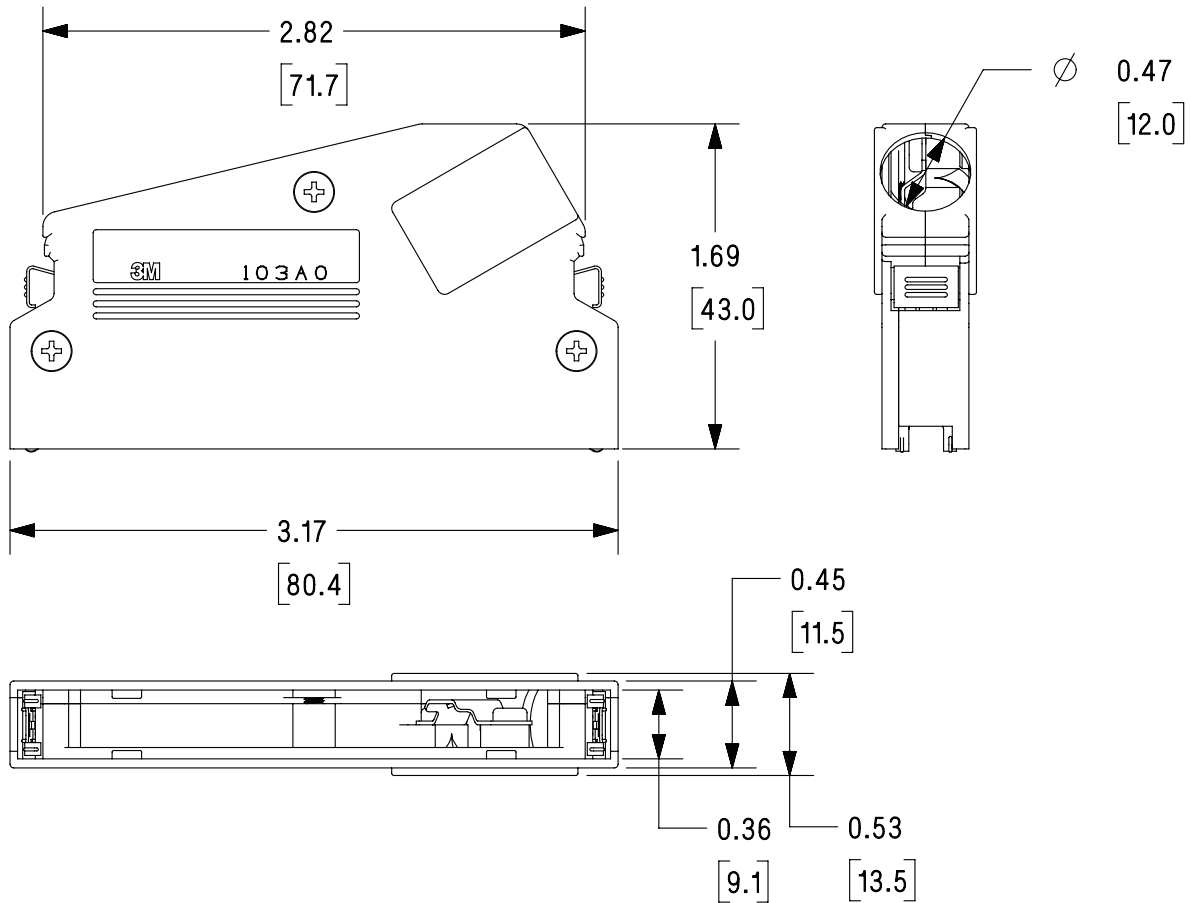**60° Metal Junction Shell for Round Cable**

103 Series

100-position Shell Kit

Package Contents:
1 - Cable Clamp (Plated Steel)
3 - M2.6 Flat Head Screws
2 - M2.mm Pan Head Screws
2 - Metal Shell Halves
2 - Metal Latches

2.82
[71.7]

Ø 0.47
[12.0]

3M 103A0

1.69
[43.0]

3.17
[80.4]

0.45
[11.5]

0.36
[9.1]

0.53
[13.5]

Inch
(mm)

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

[ ] Dimensions for
Reference Only

Ordering Information

103A0 - C500 - 00

Contact Quantity A0 - 100

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