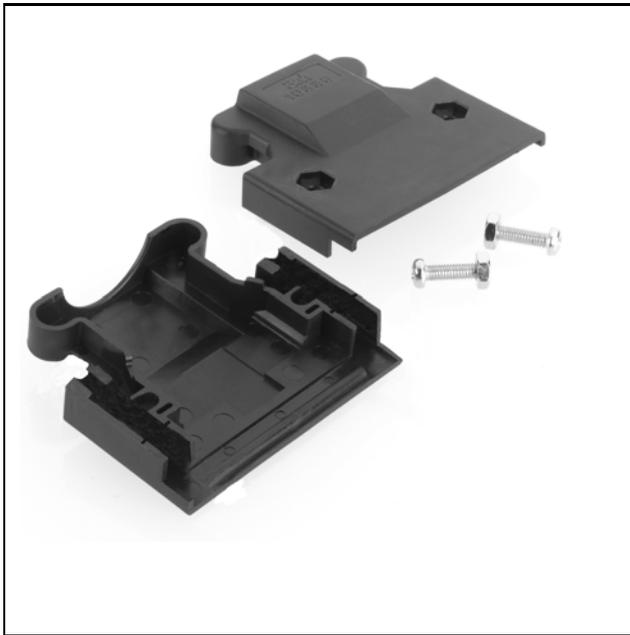


3M™ Mini D Ribbon (MDR) Connectors

Plastic Solder Plug Junction Shell - Non Shielded



- Design features durable two-piece glass reinforced polyester backshell with ground strap (compatible with 101XX-3000VE plug)
- Round straight exit
- Reliable metal strain relief clamp provides grounding for cable shield
- Quick release metal latching mechanism
- Positions: 14, 20, 26, 36 and 50
- RoHS* compliant

Date Modified: May 10, 2005

TS-0670-09
Sheet 1 of 2

Physical

Outer Shell

Material: Glass Reinforced Polyester (PBT)

Flamability: UL 94V-0

Color: Black

Cable Clamp & Ground Plate

Material: Stainless Steel

Marking: 3M Logo and Part Number

Environmental

Temperature Rating: -20°C TO +85°C

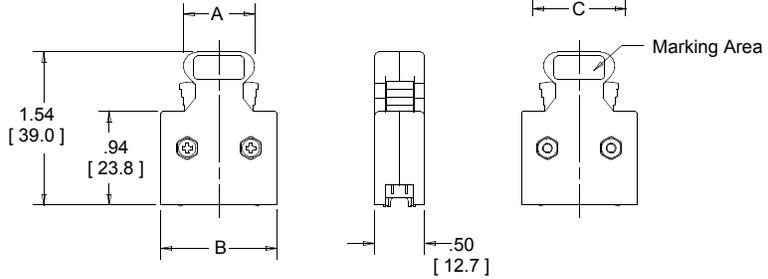
RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
"RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material: (a) 0.1% (by weight) for each of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Lead, mercury, cadmium, or hexavalent chromium may be present in the product or part in an exempt application as listed in the Annex to the RoHS Directive.

3M™ Mini D Ribbon (MDR) Connectors

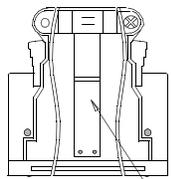
Plastic Solder Plug Junction Shell - Non Shielded

| Contact Quantity | Dimensions | | |
|------------------|------------------|------------------|------------------|
| | A | B | C |
| 14 | .72 [18.2] | 1.61 [29.5] | .929 [23.6] |
| 20 | .87 [22.0] | 1.31 [33.3] | 1.08 [27.4] |
| 26 | 1.02 [25.8] | 1.46 [37.2] | 1.23 [31.3] |
| 36 | 1.27 [32.2] | 1.71 [43.5] | 1.48 [37.6] |
| 50 | 1.62 [41.1] | 2.06 [52.4] | 1.83 [46.5] |

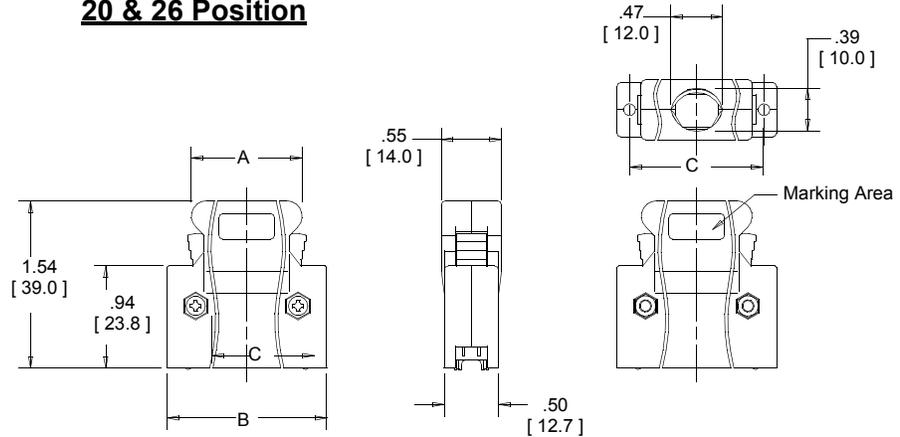
14 Position



20 & 26 Position



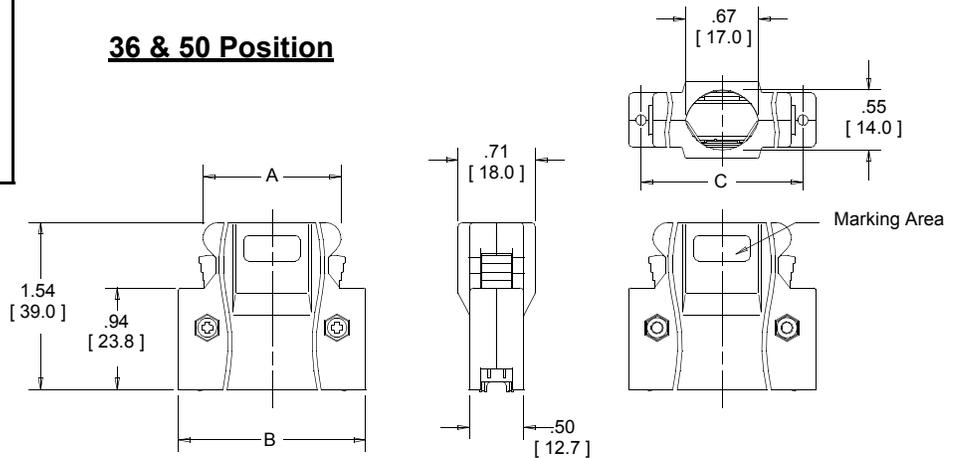
Ground Strap
(See Note)



Package Contents:

- 2 Shell Halves
- 2 Shell Assembly Screws
- 2 Shell Assembly Nuts
- 2 Latches
- 1 Strain Relief / Ground Strap Assembly

36 & 50 Position



Inch
[mm]

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

[] Dimensions for Reference only

Notes:

1. Ground strap connection to connector shroud.
2. Non-shielded shell kit for use with solder plug connector 101XX-3000 VE series.

Ordering Information

103XX-52F0-008

Contact Quantity

TS-0670-09
Sheet 2 of 2



Interconnect Solutions

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

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