

# GC323

Quick Disconnect Plug with Swivel Lanyard  
For Use with MIL-DTL-38999 Receptacles (Series IA and IB)

## HOW TO ORDER:

EXAMPLE: GC323 01 P A 51

BASIC NUMBER ——— GC323

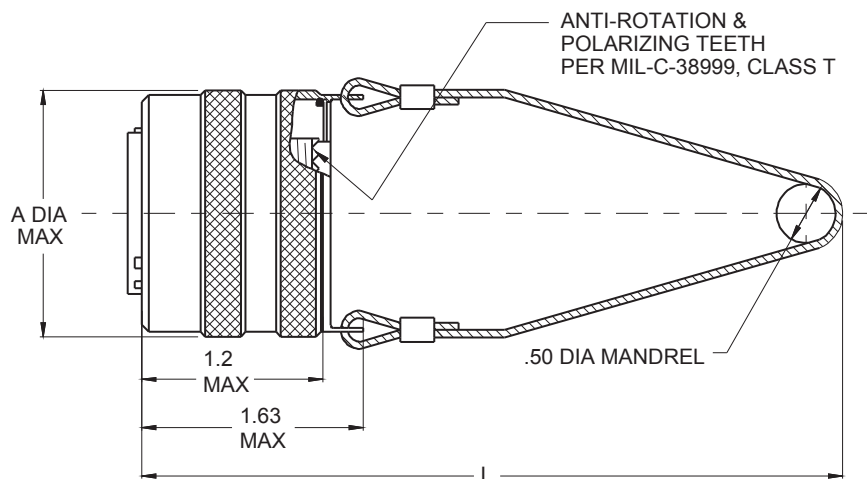
DASH NO, TABLE I ——— 01

LETTER, TABLE III ——— P

SERVICE RATING ——— A

A = 150°C  
B = 200°C

DASH NO, TABLE II ——— 51



| TABLE III: KEY POSITIONS |              |               |
|--------------------------|--------------|---------------|
| LETTER                   | KEY POSITION | CONTACT STYLE |
| P                        | NORMAL       | PIN           |
| S                        | NORMAL       | SOCKET        |
| E                        | A            | PIN           |
| F                        | A            | SOCKET        |
| R                        | B            | PIN           |
| T                        | B            | SOCKET        |
| W                        | C            | PIN           |
| X                        | C            | SOCKET        |
| Y                        | D            | PIN           |
| Z                        | D            | SOCKET        |

| TABLE IV: PULL FORCE |                     |                |
|----------------------|---------------------|----------------|
| SHELL SIZE           | STRAIGHT PULL (LBS) | 15° PULL (LBS) |
| 9                    | 5 MAX               | 10 MAX         |
| 11                   | 8 MAX               | 16 MAX         |
| 13                   | 10 MAX              | 20 MAX         |
| 15                   | 16 MAX              | 25 MAX         |
| 17                   | 20 MAX              | 30 MAX         |
| 19                   | 25 MAX              | 35 MAX         |
| 21                   | 30 MAX              | 45 MAX         |
| 23                   | 40 MAX              | 55 MAX         |
| 25                   | 50 MAX              | 60 MAX         |

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MIL-DTL-38999

**TABLE I: INSERT LAYOUTS**

| DASH NO | SHELL SIZE & INSERT ARR | A DIA       |
|---------|-------------------------|-------------|
| A1      | 9-35                    | 1.28 (32.5) |
| A2      | 9-98                    |             |
| B1      | 11-4                    |             |
| B2      | 11-6                    | 1.44 (36.6) |
| B3      | 11-35                   |             |
| C1      | 13-4                    |             |
| C2      | 13-8                    | 1.56 (39.6) |
| C3      | 13-22                   |             |
| C4      | 13-98                   |             |
| C5      | 13-35                   |             |
| D1      | 15-5                    | 1.67 (42.4) |
| D2      | 15-19                   |             |
| D3      | 15-35                   |             |
| D4      | 15-97                   |             |
| E1      | 17-6                    | 1.81 (46.0) |
| E2      | 17-8                    |             |
| E3      | 17-26                   |             |
| E4      | 17-35                   |             |
| F1      | 19-11                   | 1.94 (49.3) |
| F2      | 19-28                   |             |
| F3      | 19-32                   |             |
| F4      | 19-35                   |             |
| G1      | 21-11                   | 2.06 (52.3) |
| G2      | 21-16                   |             |
| G3      | 21-35                   |             |
| G4      | 21-41                   |             |
| H1      | 23-21                   | 2.19 (55.6) |
| H2      | 23-35                   |             |
| H3      | 23-53                   |             |
| J1      | 25-19                   | 2.30 (58.4) |
| J2      | 25-29                   |             |
| J3      | 25-35                   |             |
| J4      | 25-43                   |             |
| J5      | 25-61                   |             |

**TABLE II: LENGTH**

| DASH NO | L            |
|---------|--------------|
| 40      | 4.00 (101.6) |
| 41      | 4.25 (108.0) |
| 42      | 4.50 (114.3) |
| 43      | 4.75 (120.7) |
| 50      | 5.00 (127.0) |
| 51      | 5.25 (133.4) |
| 52      | 5.50 (139.7) |
| 53      | 5.75 (146.1) |
| 60      | 6.00 (152.4) |
| 61      | 6.25 (158.8) |
| 62      | 6.50 (165.1) |
| 63      | 6.75 (171.5) |
| 70      | 7.00 (177.8) |
| 71      | 7.25 (184.2) |
| 72      | 7.50 (190.5) |
| 73      | 7.75 (196.9) |
| 80      | 8.00 (203.2) |
| 81      | 8.25 (209.6) |
| 82      | 8.50 (216.0) |
| 83      | 8.75 (222.3) |
| 90      | 9.00 (228.6) |
| 91      | 9.25 (235.0) |
| 92      | 9.50 (241.3) |
| 93      | 9.75 (247.7) |

**NOTES:**

1. ASSEMBLY IDENTIFIED PER MIL-STD-130.
2. PLUG IS COUPLED BY ROTATING IN A CLOCKWISE DIRECTION & UNCOUPLED BY STRAIGHT AXIAL PULL. PLUG MAY ALSO BE UNCOUPLED BY REVERSE ROTATION FROM COUPLING DIRECTION.
3. WHEN LETTER A IS SPECIFIED, SERIES IA CONNECTORS WILL BE SUPPLIED & FINISH WILL BE CAD/OLIVE DRAB OVER NICKEL.  
  
WHEN LETTER B IS SPECIFIED, SERIES IB CONNECTORS WILL BE SUPPLIED & FINISH WILL BE HARD ANODIZE.