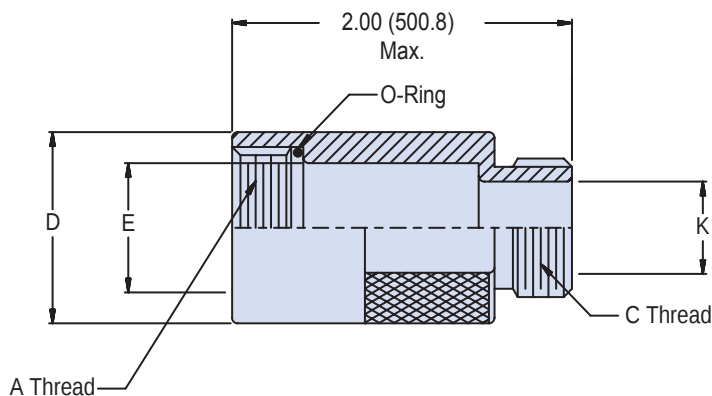
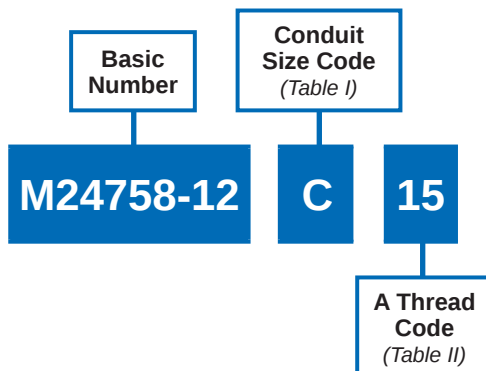


# MIL-PRF-24758-12

## Adapter for MIL-C-26482

### Solder Type Series I Connectors

A



#### APPLICATION NOTES

1. Assembly identified with manufacturer's code identification number (Glenair, part number and classification code 490).
2. The M24758-12 adapter couples MIL-C-26482 series I connectors (series MS3100, MS3111 or MS3116) to M24758-2, M24758-3 or M24758-4 series fittings.
3. For MIL-DTL-26482 series II, the M24758-13 adapter shall be used.
4. See Glenair Circular Connector Accessories catalog for recommended torque values, Group 1.
5. Material / Finish:  
Adapter - 316 / electroless nickel, matte finish.
6. Metric dimensions (mm) are indicated in parentheses.
7. See M24758-2, -3, -4 torque values for C thread.

**MIL-PRF-24758-12**  
**Adapter for MIL-C-26482**  
**Solder Type Series I Connectors**



MIL-PRF  
24758A

**A**

**TABLE I**

| CONDUIT<br>SIZE CODE | C<br>CLASS - 2A<br>THREAD | K<br>DIA<br>MIN |
|----------------------|---------------------------|-----------------|
| A                    | .438-28 UNEF              | .245 (6.22)     |
| B                    | .688-24 UNEF              | .495 (12.57)    |
| C                    | .938-20 UNEF              | .745 (18.92)    |
| D                    | 1.250-18 UNEF             | .995 (25.27)    |
| E                    | 1.563-18 UNEF             | 1.245 (31.62)   |
| F                    | 1.875-16 UN               | 1.495 (37.97)   |
| G                    | 2.375-16 UN               | 1.995 (50.67)   |
| H                    | 2.875-16 UN               | 2.495 (63.37)   |
| J                    | .563-24 UNEF              | .370 (9.340)    |
| K                    | .813-20 UNEF              | .620 (15.75)    |
| L                    | 3.375-16 UN               | 2.995 (76.07)   |

**TABLE II: A-THREAD CODE AND ADAPTER DIMENSIONS**

| A<br>THREAD<br>CODE | CONN<br>SHELL<br>SIZE | A<br>CLASS - 2B<br>THREAD | D<br>DIA<br>± .02 (.51) | E<br>DIA<br>± .02 (.51) |
|---------------------|-----------------------|---------------------------|-------------------------|-------------------------|
| 07                  | 8                     | .438-28 UNEF              | .590 (14.99)            | .340 (8.64)             |
| 09                  | 10                    | .563-24 UNEF              | .710 (18.03)            | .450 (11.43)            |
| 11                  | 12                    | .688-24 UNEF              | .840 (21.34)            | .580 (14.73)            |
| 13                  | 14                    | .813-20 UNEF              | .960 (24.38)            | .680 (17.27)            |
| 15                  | 16                    | .938-20 UNEF              | 1.090 (27.69)           | .810 (20.57)            |
| 17                  | 18                    | 1.063-18 UNEF             | 1.210 (30.73)           | .930 (23.62)            |
| 19                  | 20                    | 1.188-18 UNEF             | 1.340 (34.04)           | 1.060 (26.92)           |
| 21                  | 22                    | 1.313-18 UNEF             | 1.460 (37.08)           | 1.180 (29.97)           |
| 23                  | 24                    | 1.438-18 UNEF             | 1.590 (40.39)           | 1.310 (33.27)           |