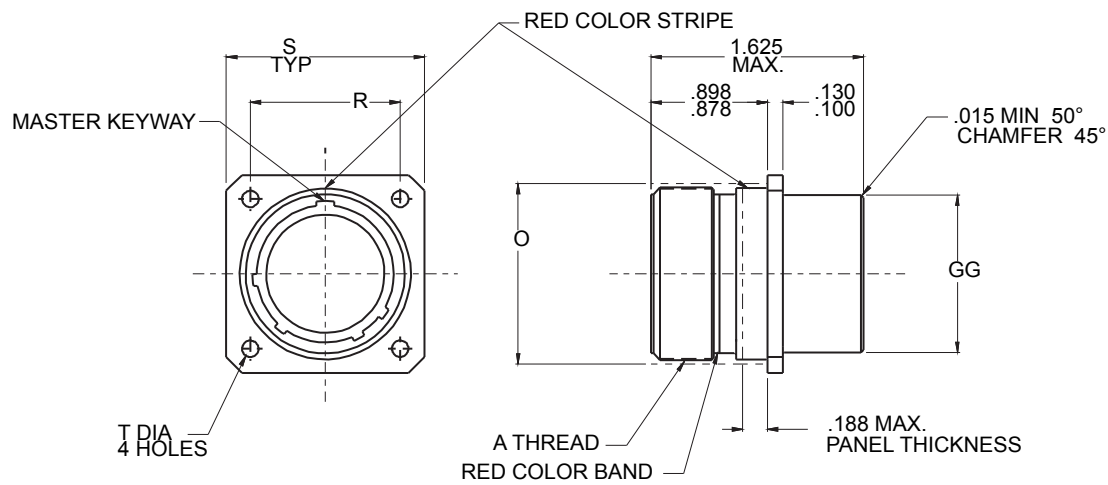
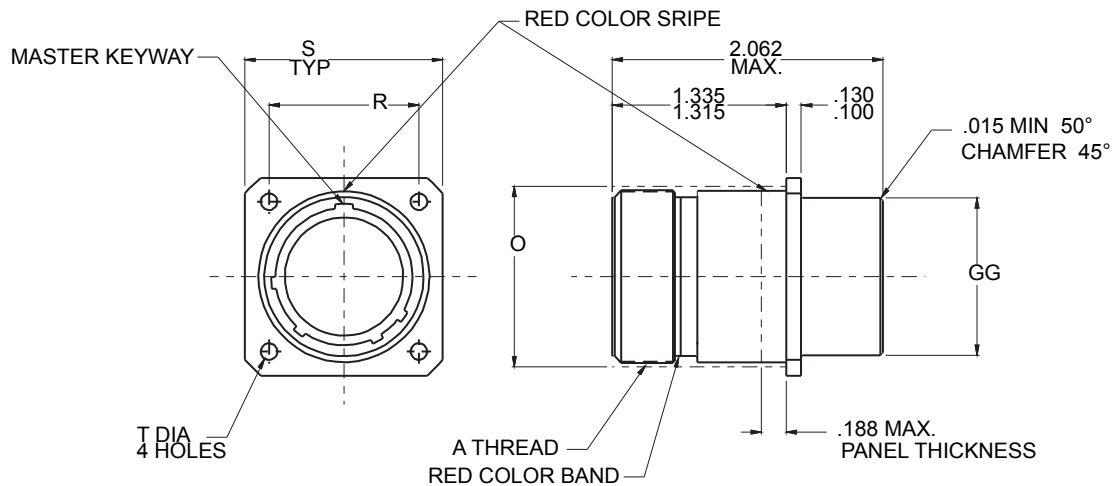


**HOW TO ORDER:**

|                                |           |    |   |    |   |   |   |   |                                      |
|--------------------------------|-----------|----|---|----|---|---|---|---|--------------------------------------|
| GLENAIR P/N:                   | 900-012   | NF | 2 | 25 | - | 1 | P | 1 |                                      |
| MILITARY P/N:                  | M28840/12 | A  | 2 | G  |   | 1 | P | 1 |                                      |
|                                |           |    |   |    |   |   |   |   |                                      |
| △ CLASS CODE (SEE MIL-C-28840) |           |    |   |    |   |   |   |   | KEY POSITION (SEE MIL-C-28840)       |
| BASIC PART NUMBER              |           |    |   |    |   |   |   |   | CONTACT STYLE (SEE MIL-C-28840)      |
| FIGURE (SEE NOTE 3)            |           |    |   |    |   |   |   |   | INSERT ARRANGEMENT (SEE MIL-C-28840) |
| SHELL SIZE (TABLE I)           |           |    |   |    |   |   |   |   |                                      |


**FIGURE 1**

**FIGURE 2**

900-012  
 Receptacle, Flange Mount  
 MIL-C-28840/12



MIL-C-28840

TABLE I: CONNECTOR DIMENSIONS

| MILITARY SHELL SIZE | SHELL SIZE | A THREAD CLASS 2A  | O REF. MTG.HOLE | R T.P. C <sub>I</sub> TO C <sub>L</sub> | S ±.020 (0.5) | T ±.008 (0.2) | GG DIA. MAX. |
|---------------------|------------|--------------------|-----------------|---|---------------|---------------|--------------|
| A                   | 11         | .750-.1P-.2L-D.S.  | .812 (20.6)     | .750 (19.1)                             | 1.023 (26.0)  | .123 (3.1)    | .758 (19.3)  |
| B                   | 13         | .875-.1P-.2L-D.S.  | .937 (23.8)     | .843 (21.4)                             | 1.138 (28.9)  | .123 (3.1)    | .880 (22.4)  |
| C                   | 15         | 1.062-.1P-.2L-D.S. | 1.124 (28.5)    | .968 (24.6)                             | 1.258 (32.0)  | .123 (3.1)    | 1.005 (25.5) |
| D                   | 17         | 1.125-.1P-.2L-D.S. | 1.187 (30.1)    | 1.015 (25.8)                            | 1.383 (35.1)  | .123 (3.1)    | 1.130 (28.7) |
| E                   | 19         | 1.312-.1P-.2L-D.S. | 1.374 (34.9)    | 1.140 (29.0)                            | 1.508 (38.3)  | .123 (3.1)    | 1.255 (31.9) |
| F                   | 23         | 1.500-.1P-.2L-D.S. | 1.562 (39.7)    | 1.281 (32.5)                            | 1.718 (43.6)  | .123 (3.1)    | 1.443 (36.7) |
| G                   | 25         | 1.625-.1P-.2L-D.S. | 1.687 (42.8)    | 1.392 (35.4)                            | 1.818 (46.2)  | .150 (3.8)    | 1.567 (39.8) |
| H                   | 29         | 1.812-.1P-.2L-D.S. | 1.874 (47.6)    | 1.568 (39.8)                            | 2.138 (54.3)  | .150 (3.8)    | 1.880 (47.8) |
| J                   | 33         | 2.000-.1P-.2L-D.S. | 2.062 (52.4)    | 1.734 (44.0)                            | 2.328 (59.1)  | .176 (4.5)    | 2.067 (52.5) |

**NOTES:**

1. INTERPRET PER MIL-STD-100.
2. SEE MIL-C-28840 FOR ADDITIONAL DESIGN DETAILS.
3. FIGURE 1 LEAVE BLANK, FIGURE 2 INSERT 2  
 EXAMPLE: M28840/12AG1P1 OR 900-012A251P1 = FIGURE 1  
 M28840/12A2G1P1 OR 900-012A2251P1 = FIGURE 2.

△ 4. GLENAIR NF = CLASS A  
 GLENAIR ZU = CLASS B