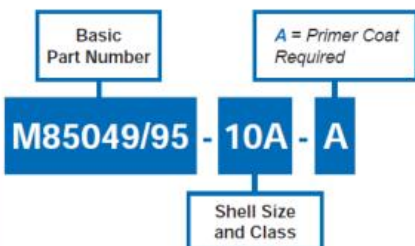
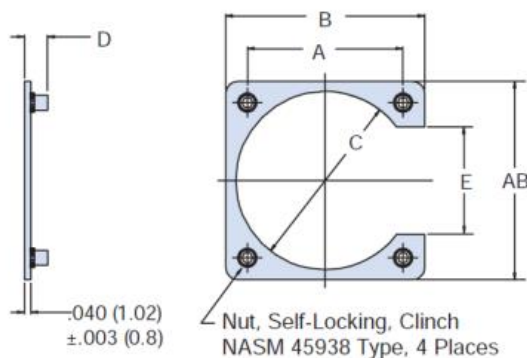




# AS85049/95 3/4 Perimeter Mounting Flange

**B****APPLICATION NOTES**

1. Assembly identified with manufacturer's name and part number, space permitting.
2. For complete dimensions, see the applicable Military Specification.
3. Metric dimensions (mm) are in parentheses.

**TABLE I: Reference for Connector Shell Size**

| Shell Size & Class | Thread UNJC-3B | A<br>±.003 (0.1) | B<br>±.015 (0.4) | C<br>±.015 (0.4) | D<br>Max   | E<br>±.030 (0.8) |
|--------------------|----------------|------------------|------------------|------------------|------------|------------------|
| 3A                 | 4-40           | .625 (15.9)      | .925 (23.5)      | .641 (16.3)      | .166 (4.2) | .325 (8.3)       |
| 7A                 | 4-40           | .719 (18.3)      | 1.019 (25.9)     | .688 (17.5)      | .166 (4.2) | .433 (11.0)      |
| 8A                 | 4-40           | .594 (15.1)      | .880 (22.4)      | .570 (14.5)      | .166 (4.2) | .308 (7.8)       |
| 10A                | 4-40           | .719 (18.3)      | 1.019 (25.9)     | .720 (18.3)      | .166 (4.2) | .433 (11.0)      |
| 10B                | 6-32           | .812 (20.6)      | 1.312 (33.3)     | .749 (19.0)      | .183 (4.6) | .433 (11.0)      |
| 12A                | 4-40           | .812 (20.6)      | 1.104 (28.0)     | .855 (21.7)      | .166 (4.2) | .530 (13.5)      |
| 12B                | 6-32           | .938 (23.8)      | 1.312 (33.3)     | .938 (23.8)      | .183 (4.6) | .530 (13.5)      |
| 14A                | 4-40           | .906 (23.0)      | 1.198 (30.4)     | .984 (25.0)      | .166 (4.2) | .624 (15.8)      |
| 14B                | 6-32           | 1.031 (26.2)     | 1.406 (35.7)     | 1.031 (26.2)     | .183 (4.6) | .624 (15.8)      |
| 16A                | 4-40           | .969 (24.6)      | 1.280 (32.5)     | 1.094 (27.8)     | .166 (4.2) | .687 (17.4)      |
| 16B                | 6-32           | 1.125 (28.6)     | 1.500 (38.1)     | 1.125 (28.6)     | .183 (4.6) | .687 (17.4)      |
| 18A                | 4-40           | 1.062 (27.0)     | 1.406 (35.7)     | 1.220 (31.0)     | .166 (4.2) | .780 (19.8)      |
| 18B                | 6-32           | 1.203 (30.6)     | 1.578 (40.1)     | 1.234 (31.3)     | .183 (4.6) | .780 (19.8)      |
| 19A                | 4-40           | .906 (23.0)      | 1.192 (30.3)     | .953 (24.2)      | .166 (4.2) | .620 (15.7)      |
| 20A                | 4-40           | 1.156 (29.4)     | 1.535 (39.0)     | 1.345 (34.2)     | .166 (4.2) | .874 (22.2)      |
| 20B                | 6-32           | 1.297 (32.9)     | 1.688 (42.9)     | 1.359 (34.5)     | .183 (4.6) | .865 (22.0)      |
| 22A                | 4-40           | 1.250 (31.8)     | 1.665 (42.3)     | 1.478 (37.5)     | .166 (4.2) | .968 (24.6)      |
| 22B                | 6-32           | 1.375 (34.9)     | 1.738 (44.1)     | 1.483 (37.7)     | .183 (4.6) | .907 (23.0)      |
| 24A                | 6-32           | 1.500 (38.1)     | 1.891 (48.0)     | 1.560 (39.6)     | .183 (4.6) | 1.000 (25.4)     |
| 24B                | 6-32           | 1.375 (34.9)     | 1.785 (45.3)     | 1.595 (40.5)     | .183 (4.6) | 1.031 (26.2)     |
| 25A                | 6-32           | 1.500 (38.1)     | 1.891 (48.0)     | 1.658 (42.1)     | .183 (4.6) | 1.125 (28.6)     |
| 27A                | 4-40           | .969 (24.6)      | 1.255 (31.9)     | 1.094 (27.8)     | .166 (4.2) | .683 (17.3)      |
| 28A                | 6-32           | 1.562 (39.7)     | 2.000 (50.8)     | 1.820 (46.2)     | .183 (4.6) | 1.125 (28.6)     |
| 32A                | 6-32           | 1.750 (44.5)     | 2.312 (58.7)     | 2.062 (52.4)     | .183 (4.6) | 1.188 (30.2)     |
| 36A                | 6-32           | 1.938 (49.2)     | 2.500 (63.5)     | 2.312 (58.7)     | .183 (4.6) | 1.375 (34.9)     |
| 37A                | 4-40           | 1.187 (30.1)     | 1.500 (38.1)     | 1.281 (32.5)     | .166 (4.2) | .874 (22.2)      |
| 61A                | 4-40           | 1.437 (36.5)     | 1.812 (46.0)     | 1.594 (40.5)     | .166 (4.2) | 1.602 (40.7)     |

Dimensions in inches (millimeters) and are subject to change without notice.