

# AS85049/26-1 and MS3419 Straight Crimp Ring Backshell and Crimp Ring



AS85049

| CONNECTOR DESIGNATOR: |                              |
|-----------------------|------------------------------|
| <b>A</b>              | AS50151 Series AS34001       |
|                       | MIL-DTL-26482 Series II      |
|                       | AS81703 Series III           |
|                       | MIL-DTL-83723 Series I & III |

**Basic Part Number**  
**M85049/26-1** = Adapter Only  
**M85049/26-2** = Crimp Ring Only  
**M85049/26-3** = Adapter with Crimp Ring  
 (See Page B-52 for Crimp Ring)

**Shell Size**  
 (Table II)

**M85049/26-1 - 12 W**

**Superseded Part Number**

**MS3419-21 C**

|                |            |
|----------------|------------|
| Basic Part No. | Shell Size |
|----------------|------------|

**Finish**  
 (Material is Aluminum Only)  
**A** = Electroless Nickel  
**C** = 500 Hr. Cadmium Olive Drab over Electroless Nickel

**B**

**Finish**  
**N** = Electroless Nickel  
**W** = 1,000 Hr. Cadmium Olive Drab over Electroless Nickel  
**X** = Aluminum, Nickel Fluorocarbon Polymer  
**Z** = Aluminum, Zinc-Nickel, Black



| TABLE I: Adapter Shell Size, Thread, and Dimensions |                   |              |              |              |
|---|-------------------|--------------|--------------|--------------|
| Shell Size  | A Thread Class 2B | C Dia Max    | E Dia        | F Dia        |
| 3   | .562 - 24 UNEF    | .670 (17.0)  | .250 (6.4)   | .337 (8.6)   |
| 8   | .500 - 20 UNF     | .620 (15.7)  | .250 (6.4)   | .337 (8.6)   |
| 10  | .625 - 24 UNEF    | .730 (18.5)  | .325 (8.3)   | .488 (12.4)  |
| 12  | .750 - 20 UNEF    | .860 (21.8)  | .420 (10.7)  | .500 (12.7)  |
| 14  | .875 - 20 UNEF    | .980 (24.9)  | .540 (13.7)  | .620 (15.7)  |
| 16  | 1.000 - 20 UNEF   | 1.110 (28.2) | .670 (17.0)  | .750 (19.1)  |
| 18  | 1.062 - 18 UNEF   | 1.220 (31.0) | .789 (20.0)  | .880 (22.4)  |
| 20  | 1.188 - 18 UNEF   | 1.350 (34.3) | .914 (23.2)  | 1.000 (25.4) |
| 22  | 1.313 - 18 UNEF   | 1.470 (37.3) | 1.039 (26.4) | 1.120 (28.4) |
| 24  | 1.438 - 18 UNEF   | 1.590 (40.4) | 1.112 (28.2) | 1.192 (30.3) |
| 28  | 1.750 - 18 UNS    | 1.970 (50.0) | 1.389 (35.3) | 1.545 (39.2) |
| 32  | 2.000 - 18 UNS    | 2.220 (56.4) | 1.635 (41.5) | 1.795 (45.6) |
| 36  | 2.250 - 16 UN     | 2.470 (62.7) | 1.850 (47.0) | 2.045 (51.9) |
| 40  | 2.500 - 16 UN     | 2.720 (69.1) | 2.065 (52.5) | 2.295 (58.3) |
| 44  | 2.750 - 16 UN     | 2.970 (75.4) | 2.320 (58.9) | 2.545 (64.6) |
| 48  | 3.000 - 16 UN     | 3.220 (81.8) | 2.570 (65.3) | 2.795 (71.0) |
| 61  | 1.500 - 18 UNEF   | 1.650 (41.9) | 1.210 (30.7) | 1.359 (34.5) |

- APPLICATION NOTES**
- For complete dimensions see the applicable Military Specification.
  - Metric dimensions (mm) are in parentheses.

**See Page B-52 for AS85049/26-2 Crimp Ring**

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