

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



AS85049

| CONNECTOR DESIGNATOR: | |
|-----------------------|------------------------------|
| A | 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Superseded Part Number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.

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