

M85049/49 and MS27506 Strain Reliefs



Strain Reliefs

Glenair Connector Designator F

MIL-C-38999 Series I & II,
40M38277, PAN 6433-1,
PATT 614, PATT 616,
NFC93422 Series HE308 &
HE309

M85049/49-2 S 10 W

Basic Part No.

S = Self-Locking
Use Dash for
Non-Self-Locking

Shell Size

Material and Finish Designator

A = Aluminum, Black Anodize (Non-Self-Locking Only)
N = Aluminum, Electroless Nickel
S = 300 Series Steel, Passivated (Self-Locking Only)
W = Aluminum, 500 Hr. Cadmium Olive Drab
Over Electroless Nickel

MS27506 B 10-2

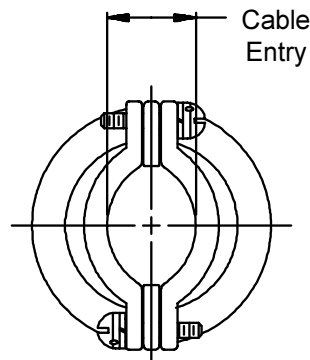
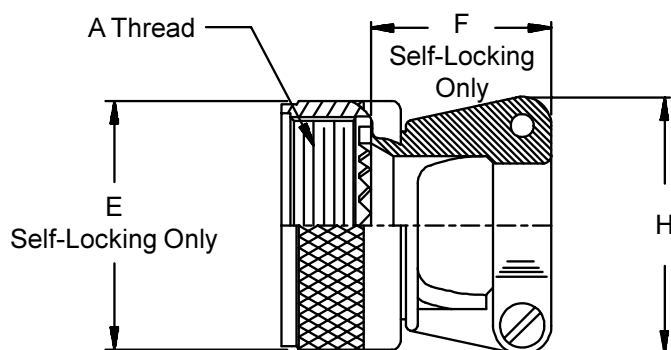
SUPERCEDED SPEC.

Basic Part No.
(Non-Self-Locking)

Material and Finish Designator

B = Aluminum, 500 Hour Cadmium
Olive Drab Over Electroless Nickel
F = Aluminum, Electroless Nickel

Dash No.



Note: Screw
orientation shown is
for non-self-locking
configuration. Screws
on self-locking
configurations are on
the same side/face of
the clamp.

TABLE I

Dash No.	Shell Size Ref.	A Thread Class 2B	E Dia Max Self-Locking Only	F Max Self-Locking Only	H Max	Cable Entry	
						Min	Max
8	8/9	.438 - 28 UNEF	.86 (21.8)	.91 (23.1)	.85 (21.6)	.098 (2.5)	.234 (5.9)
10	10/11	.562 - 24 UNEF	.98 (24.9)	.91 (23.1)	.90 (22.9)	.153 (3.9)	.234 (5.9)
12	12/13	.688 - 24 UNEF	1.16 (29.5)	1.01 (25.7)	1.10 (27.9)	.190 (4.8)	.328 (8.3)
14	14/15	.813 - 20 UNEF	1.28 (32.5)	1.06 (26.9)	1.15 (29.2)	.260 (6.6)	.457 (11.6)
16	16/17	.938 - 20 UNEF	1.41 (35.8)	1.16 (29.5)	1.30 (33.0)	.283 (7.2)	.634 (16.1)
18	18/19	1.063 - 18 UNEF	1.52 (38.6)	1.41 (35.8)	1.50 (38.1)	.325 (8.3)	.614 (15.6)
20	20/21	1.188 - 18 UNEF	1.64 (41.7)	1.51 (38.4)	1.60 (40.6)	.343 (8.7)	.698 (17.7)
22	22/23	1.313 - 18 UNEF	1.77 (45.0)	1.66 (42.2)	1.70 (43.2)	.381 (9.7)	.823 (20.9)
24	24/25	1.438 - 18 UNEF	1.89 (48.0)	1.76 (44.7)	1.80 (45.7)	.418 (10.6)	.853 (21.7)

1. For complete dimensions see applicable Military Specification.
2. Metric dimensions (mm) are indicated in parentheses.
3. Cable Entry is defined as the accomodation entry for the wire bundle or cable.
Dimensions are not intended for inspection criteria.