



## AS85049/53, AS85049/54, and AS85049/55 Qwik-Ty® Strain Reliefs

### Glenair Connector Designator A

**MIL-DTL-5015 Series 3400,  
MIL-DTL-26482 Series 2,  
AS81703 Series 3,  
MIL-DTL-83723 Series I &  
III, 40M39569, DEF 5326-3,  
EN 2997, EN 3646,  
ESC 10, ESC 11, LN 29504,  
NFC93422 Series HE302,  
PAN 6432-1, PAN 6432-2,  
PATT 602**

**M85049/55 G 22 W**

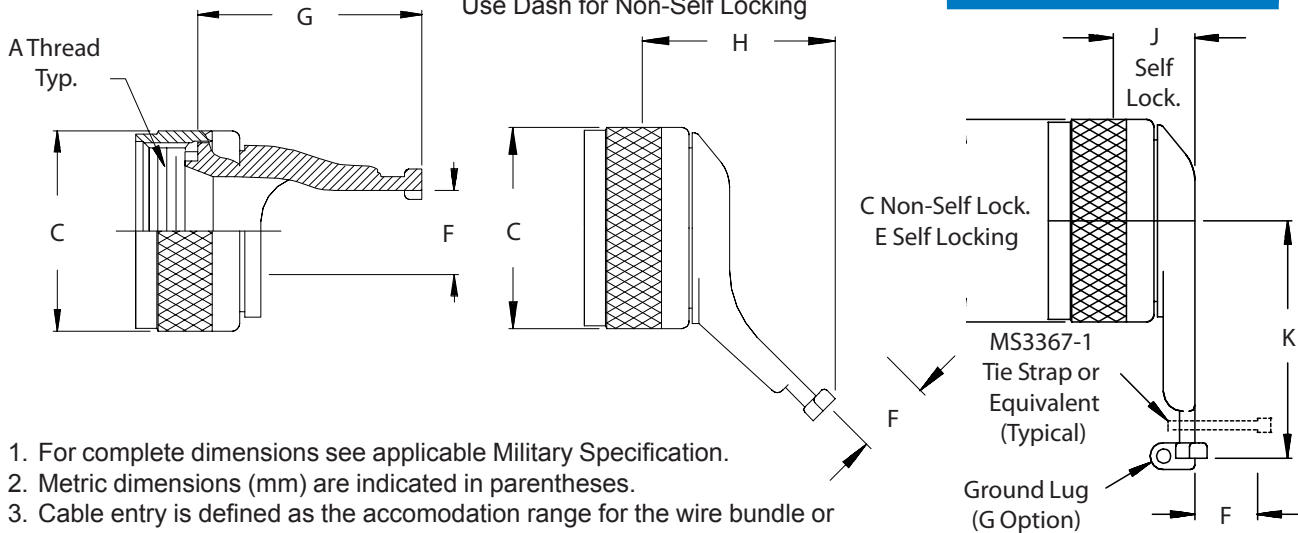
Basic Part No. \_\_\_\_\_  
 M85049/53 = Straight  
 M85049/54 = 45°  
 M85049/55 = 90°

Finish  
 A = Black Anodize  
 W = 1,000 Hr. Cadmium Olive  
 Drab Over Electroless Nickel

Configuration \_\_\_\_\_ Shell Size

G = Self-Locking with  
 Ground Lug (/55 Only)  
 S = Self-Locking without  
 Ground Lug (/55 Only)  
 T = Self-Locking with Ground Lug  
 (/55 only) on G & S Styles  
 Use Dash for Non-Self Locking

**FOR NEW DESIGN  
APPLICATIONS  
USE M85049/43 (45°),  
M85049/51 (90°), and  
M85049/52 (Str.),**



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

**TABLE I**

Shell Size	A Thread Class 2B	C Dia Max	E Dia Max	F Cable Entry	G Max	H Max	J Max	K Max
03	.562 - 24 UNEF	.78 (19.8)	1.01 (25.7)	.260 (6.6)	.903 (22.9)	1.181 (30.0)	.73 (18.5)	1.29 (32.8)
08	.500 - 20 UNF	.66 (16.8)	.89 (22.6)	.260 (6.6)	.903 (22.9)	1.181 (30.0)	.73 (18.5)	1.29 (31.0)
10	.625 - 24 UNEF	.78 (19.8)	1.01 (25.7)	.365 (9.3)	.903 (22.9)	1.181 (30.0)	.73 (18.5)	1.29 (32.8)
12	.750 - 20 UNEF	.94 (23.9)	1.14 (29.0)	.501 (12.7)	.903 (22.9)	1.181 (30.0)	.73 (18.5)	1.62 (41.1)
14	.875 - 20 UNEF	1.05 (26.7)	1.26 (32.0)	.575 (14.6)	.973 (24.7)	1.181 (30.0)	.73 (18.5)	1.66 (42.2)
16	1.000 - 20 UNEF	1.24 (31.5)	1.39 (35.3)	.700 (17.8)	.973 (24.7)	1.181 (30.0)	.73 (18.5)	1.72 (43.7)
18	1.062 - 18 UNEF	1.38 (35.1)	1.51 (38.4)	.779 (19.8)	.973 (24.7)	1.181 (30.0)	.73 (18.5)	1.72 (43.7)
20	1.188 - 18 UNEF	1.50 (38.1)	1.64 (41.7)	.904 (23.0)	1.259 (32.0)	1.431 (36.3)	.75 (19.1)	1.79 (45.5)
22	1.313 - 18 UNEF	1.63 (41.4)	1.76 (44.7)	1.029 (26.1)	1.379 (35.0)	1.431 (36.3)	.75 (19.1)	1.85 (47.0)
24	1.438 - 18 UNEF	1.75 (44.5)	1.89 (48.0)	1.144 (29.1)	1.509 (38.3)	1.431 (36.3)	.75 (19.1)	1.91 (48.5)
28	1.750 - 18 UNS	1.97 (50.0)	2.14 (54.4)	1.379 (35.0)	1.509 (38.3)	1.418 (36.0)	.75 (19.1)	2.06 (52.3)

\* Consult factory for availability