

SERIES 253-040 AS81703 Series 3 Type Connectors



253-040-09 Rack-and-panel plug High-density MIL-STD-1560 insert arrangements



HOW TO ORDER									
Sample Part No.	253-040	-	09	NF	19-35	P	N		
Basic Part Number	AS81703 Series 3 type connector W/D38999'-35' (22D Contact) Insert Arrangement								
Rear Option	"-" = 360° Accessory sawteeth B = Banding platform								
Shell Style	09 = Rack and panel plug								
Material / Finish	See Table I								
Shell Size / Insert Arrangement	Per MIL-STD-1560, See Table II								
Contact Styles	P = Pin S = Socket								
Insert Clocking Positions	N = Normal clocking								

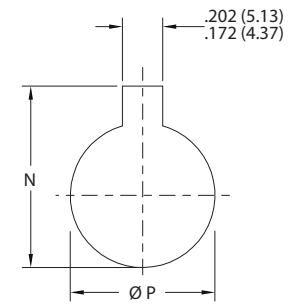
ADAPTER CODE **A**

"A" adapter code accessories fit AS81703 Series 3 (imperial thread) connectors

TABLE I - MATERIAL AND FINISH

Code	Mil Class	Material	Finish
TZ	-	Aluminum Alloy	Tin-Zinc over Nickel
MN	AA		MegaNickel
C	-		Black Anodize
ME	E		Electroless Nickel
NF	L		Cad O.D. over Electroless Nickel
MT	-		Nickel-PTFE
ZR	-		Zinc-Nickel/Black (Tri-Valent CR)

PANEL CUTOUT DIMENSIONS



Panel Cutout Detail

Shell Size	Ø P ±.015	N ±.015
3	0.671 (17.04)	0.843 (21.41)
7	0.812 (20.62)	0.984 (24.99)
12	0.953 (24.21)	1.109 (28.17)
19	1.062 (26.97)	1.234 (31.34)
27	1.203 (30.56)	1.375 (34.93)
37	1.375 (34.93)	1.531 (38.89)
61	1.687 (42.85)	1.859 (47.22)

NOTES:

- Connector series 253-040-09 meets all applicable dimensional, performance, and material requirements of AS81703, except as noted. This connector is mated with Glenair part number 253-040-00, 253-040-08, and 253-040-07 receptacle, with the same size and arrangement.
- Dimensions are not compliant to AS81703 and will not intermate with QPL connectors.
- Material / finish:
 - Shell, jam nut - see Table 1
 - Insulator - high grade rigid dielectric / N.A.
 - O-ring, grommet - fluorosilicone blend or equivalent / N.A.
 - Lockwasher - CRES / passivated.
 - Spring - Steel / black oxide
- Insert arrangements are in accordance with MIL-STD-1560 (D38999). Arrangement 11-35 (7-35 layout in Table II) shown for reference only.

TABLE II

D38999 Equiv. Shell Size	AS84703 Shell Size	Arrangement per MIL-STD-1560
9	3	3-35, 3-98
11	7	7-98, 7-99, 7-35, 7-04
13	12	12-04, 12-08, 12-35, 12-98
15	19	19-05, 19-15, 19-18, 19-97, 19-35, 19-19
17	27	27-02, 27-11, 27-26, 27-35, 27-06, 27-99
19	37	37-04, 37-11, 37-18, 37-35
25	61	61-04, 61-08, 61-07, 61-19, 61-35, 61-37, 61-20, 61-46

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