

SERIES 37

Aluminum alloy connector backshell for SuperNine 38999 type SpeedMaster™ connector



377-119 Environmentally Sealing Backshell



Self-Locking

Environmental. Discrete cable sealing. Saddle clamp. 377H*119 cable sealing backshell fits MIL-DTL-38999 Series III and IV connectors. Backshell has increased clearance for SpeedMaster contact modules. 45° and 90° profiles have large radius elbows for minimized bending of data cables. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Terminate cable braid shield to banding adapter (optional). Environmentally sealed with Fluorosilicone O-rings and cable glands. Aluminum or stainless steel.

Part Number Development										
Sample Part Number	377	H	S	119	MT	11	06	4	G	01
Series	377 Environmentally Sealing Backshell									
Connector Designator	H = Glenair SpeedMaster™ SuperNine Connectors									
Angular Function	S = Straight N = 90° Solid Elbow M = 45° Solid Elbow									
Basic No.	119									
Material/Finish	See Finish Table									
Shell Size	11, 19, 21, 25									
Optional Entry Size	See Optional Entry Size Table									
Length	In 1/2 Inch Increments; e.g. 4 = 2 inches (see note 3)									
Adapter Style	G = Gland Nut K = Tubing Adapter with Nut, Glenair PEEK B = Banding Adapter 601 Series Band Supplied with Backshell									
Cable Diameter	See Cable Diameter Table									

Dimensions											
Shell Size	A Thread ISO Metric	B Max	D Max	E Max	F Max	G Max	H Ref	J Flats	Conduit Size Ref	Insert Identification	No. of Holes
11	M15 X 1 - 6H	1.06 (26.92)	2.16 (54.86)	2.15 (54.61)	1.33 (33.78)	1.56 (39.62)	.54 (13.72)	.938 (23.83)	7/16	11-1	1
19	M28 X 1 - 6H	1.54 (39.12)	2.27 (57.66)	2.27 (57.66)	1.54 (39.12)	1.77 (44.96)	.77 (19.56)	1.250 (31.75)	3/4	19-3	3
21	M31 X 1 - 6H	1.67 (42.42)	2.44 (61.98)	2.41 (61.21)	1.61 (40.89)	1.84 (46.74)	1.00 (25.40)	1.500 (38.10)	7/8	21-4	4
25	M37 X 1 - 6H	2.12 (53.85)	2.61 (66.29)	2.58 (65.53)	1.73 (43.94)	1.96 (49.78)	1.27 (32.26)	1.812 (46.02)	1	25-7	7

Optional Entry Size		
Entry Size	C Ref Sym K	Opt. Conduit Size Ref.
06	.330 (8.38)	7/16
07	.390 (9.91)	1/2
08	.515 (13.10)	5/8
10	.640 (16.26)	3/4
11	.640 (16.26)	3/4
13	.765 (19.43)	7/8
15	.890 (22.61)	1
17	1.125 (28.58)	1 1/4

Cable Diameter		
Entry Size	P Approx	Cable Accommodation (Ref)
01	.280 (7.11)	963-003-24, 963-037, 963-033-24
07	.220 (5.59)	963-003-26, 963-033-26

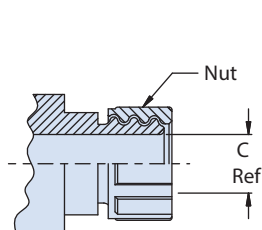
Finish Table		
Sym	Finish Description	
M	Al alloy	Electroless nickel
MT		Nickel - PTFE
NF		Cad/O.D. over electroless nickel (100 hour salt spray)
Z1	SST	Passivate

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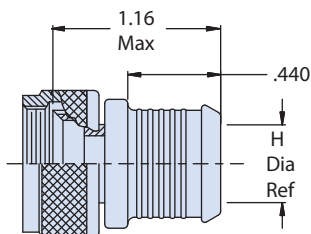
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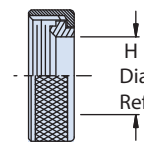
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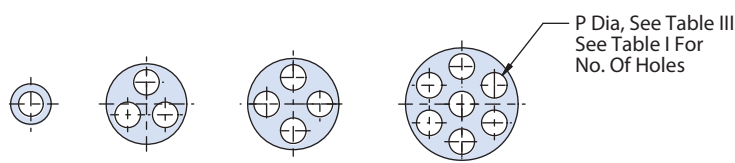
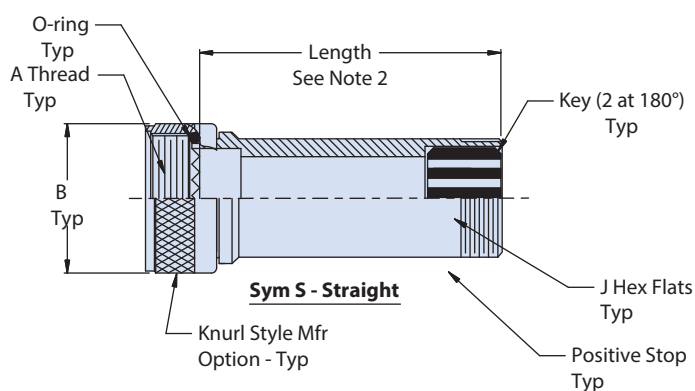
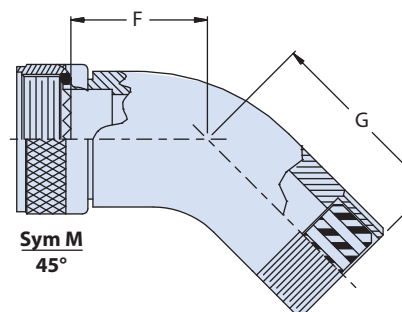
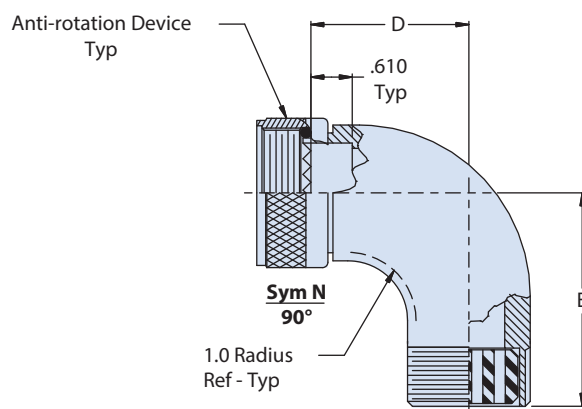
K - Peek Tubing Adapter with Nut



B - Banding Adapter



G - Gland Nut



NOTES

1. Assembly identified with manufacturer's name and p/n, space permitting.
2. Glenair 600 series backshell assembly tools are recommended for assembly and installation.
3. Material:
 - Adapters, elbows, ferrules, coupling nut, - see Finish Table
 - Grommet, o-ring - fluorosilicone/N.A.
 - Anti-rotation device - corrosion resistant material/N.A.