

Series 40 TAG Ring® Backshells

for MIL-DTL-38999 Series III and IV Connectors

407H*037 TAG Ring® Backshell, Banding, Shrink Boot



Self-Locking

Self-locking. Boot groove. Banding platform.

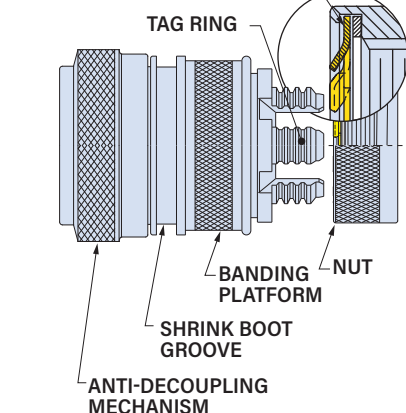
407H*037 backshell fits MIL-DTL-38999 Series III and IV connectors. Grounding ring has slots for individual cable shields. Attach overall cable shield to banding platform with BandMaster ATS strap (not supplied). Install shrink boot for strain relief and environmental sealing. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Aluminum or SST. Gold plated copper alloy ground spring, PTFE washer.

- Terminal-And-Grounding (TAG) ring for individual shields
- Banding platform for overall shield
- Gold-plated ground spring
- Self-locking coupling nut
- Groove for lipped shrink boot

Adapter Code **H**

This accessory fits these connectors:
MIL-DTL-38999 Series III and Series IV

GOLD-PLATED BECU SPRING
AND PTFE FRICTION WASHER



PART NUMBER

		407HS037	Z1	13	03	G	3	S
Base P/N	407HS037 Straight 407HJ037 90°							
Material/Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE NF Alum/ Olive Drab Cadmium ZR Alum/ Black Zinc-Nickel TZ Alum/ Tin-Zinc Z1 SST/ Passivate							
Shell Size	Shell Size: 9 11 13 15 17 19 21 23 25 Size Code: 09 11 13 15 17 19 21 23 25							
Entry Size	See Table 1							
Strain Relief	G Nut							
Length	3 1.5 inches 4 2.0 inches 5 2.5 inches 6 3.0 inches	Applies to 407HS037 only.						
Self-Locking	S Self-Locking Coupling Nut							

TABLE 1: ENTRY SIZE

Entry Size	F Max		G Max		Cable Entry				No. of Slots	Shell Size Range
	in	mm	in	mm	Min.		Max.			
02	.545	13.8	.650	16.5	.125	3.2	.250	6.4	3	09-25
03	.670	17.0	.774	19.7	.250	6.4	.375	9.5	4	11-25
04	.795	20.2	.963	24.5	.375	9.5	.500	12.7	6	13-25
05	.920	23.4	1.042	26.5	.500	12.7	.625	15.9	8	15-25
06	1.045	26.5	1.217	30.9	.625	15.9	.750	19.1	10	17-25
07	1.170	29.7	1.355	34.4	.750	19.1	.875	22.2	10	21-25
08	1.295	32.9	1.443	36.7	.875	22.2	1.000	25.4	12	23-25
09	1.420	36.1	1.709	43.4	.937	23.8	1.125	28.6	15	25

Shell Size	A Thread	øB Max		K Max.		L Max.		Max. Entry Size
		in	mm	in	mm	in	mm	
9 (A)	M12X1.0-6H	.94	23.9	.906	23.0	2.35	59.7	02
11 (B)	M15X1.0-6H	1.06	26.9	.966	24.5	2.41	61.2	03
13 (C)	M18X1.0-6H	1.17	29.7	1.026	26.1	2.47	62.7	04
15 (D)	M22X1.0-6H	1.29	32.8	1.076	27.3	2.54	64.5	05
17 (E)	M25X1.0-6H	1.42	36.1	1.136	28.9	2.60	66.0	06
19 (F)	M28X1.0-6H	1.54	39.1	1.176	29.9	2.62	66.5	07
21 (G)	M31X1.0-6H	1.67	42.4	1.236	31.4	2.68	68.1	08
23 (H)	M34X1.0-6H	2.01	51.1	1.296	32.9	2.76	70.1	09
25 (J)	M37X1.0-6H	2.12	53.8	1.356	34.4	2.83	71.9	10

