

D-Subminiature

550-041

Shrouded Backshell, TAG Ring®

- Split EMI Backshell
- TAG Ring® Shield Termination
- Saddle Clamp Strain Relief



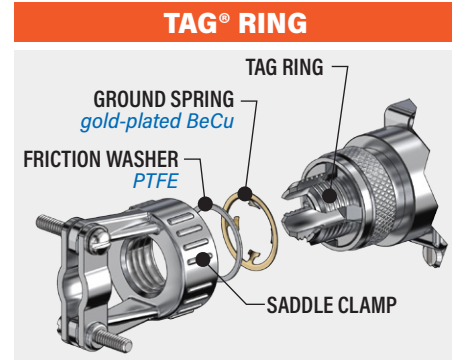
T Top Entry



S Side Entry



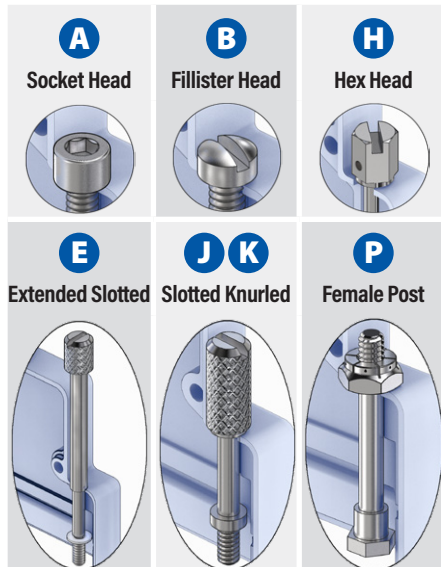
E End Entry



550-041
 This accessory fits D-Subminiature M24308 connectors.
 Not compatible with Series 28 HiPer-D

TAG Ring® for terminating individual shields, shrouded. 550-041 diecast aluminum backshell fits M24308 D-Subminiature connectors. EMI protected. TAG ring has slots for terminating wire shields. Install optional metalastic EMI gasket on mating connector panel. Available with saddle clamp strain relief or gland nut. Eleven shroud lengths to accommodate mating connector mounting dimensions. #4-40 screwlocks are included. Aluminum with stainless steel hardware.

TABLE 1
 SCREWLOCK OPTIONS



PART NUMBER

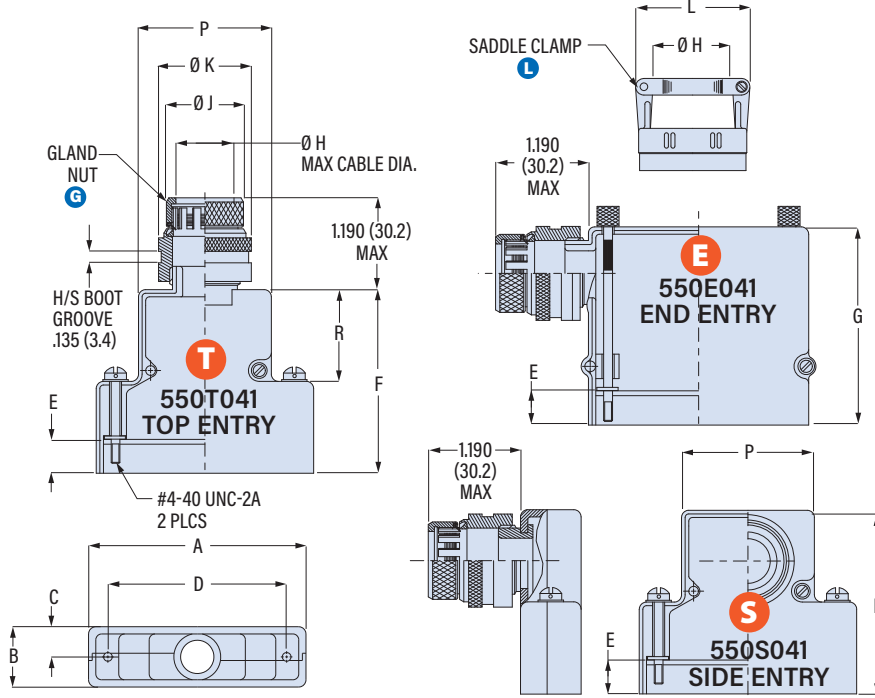
Sample PN →		550T041	M	3	R3	A	0	L	T
Base P/N	550T041 T Top Entry 550E041 E End Entry 550S041 S Side Entry								
Finish	TZ Tin-Zinc MN MegaNickel JF Cadmium, Yel. Chromate M Electroless Nickel NF Olive Drab Cadmium MT Nickel-PTFE ZR Black Zinc-Nickel								
Shell Size	1 2 3 4 5 6								
Shroud Length	Mating Connector Rear Panel Mounting								
	Code	Panel Thickness	E						
	R1	.031 (0.8)	.247 (6.3)						
	R2	.047 (1.2)	.231 (5.9)						
	R3	.062 (1.6)	.216 (5.5)						
	R4	.093 (2.4)	.185 (4.7)						
	R5	.104 (2.6)	.174 (4.4)						
	R6	.125 (3.2)	.153 (3.9)						
	R7	.156 (4.0)	.125 (3.2)						
	R8	.135 (3.4)	.140 (3.6)						
R9	.188 (4.8)	.094 (2.4)							
CC	Cable-to-Cable	.174 (4.4)							
F0	Front Panel Mount	.343 (8.7)							
Screwlocks (Table 1)	Code	Type	Profiles						
	A	Male, Socket Head	ST						
	B	Male, Fillister Head	ST						
	E	Male, Extended Slotted	ST						
	H	Male, Hex Head, Drilled	ST						
	J	Male, Slotted, Knurled	E						
	K	Male, Slotted, Knurled	ST						
P	Female Hex Post, Fixed	ST							
EMI Panel Gasket	0	No Gasket							
	1	Gasket Included (install on mating connector)							
Strain Relief	L	Saddle Clamp							
	G	Gland Nut							
Shrink Boot	Omit	No Shrink Boot							
	T	Shrink Boot Included							

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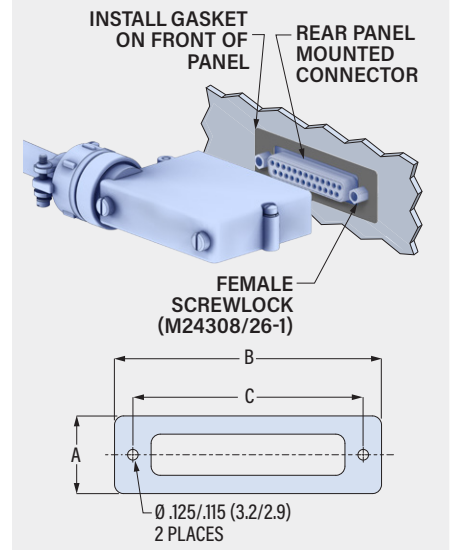
Shell Size	A Max		B Max		C		D ±.005 (0.13)		P		R	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1	1.393	35.4	.624	15.8	.312	7.9	.984	25.0	.730	18.5	.719	18.3
2	1.706	43.3	.624	15.8	.312	7.9	1.312	33.3	1.050	26.7	.719	18.3
3	2.265	57.5	.624	15.8	.312	7.9	1.852	47.0	1.594	40.5	.938	23.8
4	2.900	73.7	.624	15.8	.312	7.9	2.500	63.5	2.240	56.9	.938	23.8
5	2.800	71.1	.750	19.1	.375	9.5	2.406	61.1	2.140	54.4	.938	23.8
6	2.900	73.7	.844	21.4	.422	10.7	2.500	63.5	2.240	56.9	1.094	27.8

Shell Size	ø H Max Cable Dia.		ø J Max Gland Nut		ø K Max		L Max. Saddle Clamp	
	in	mm	in	mm	in	mm	in	mm
1	.250	6.4	.545	13.8	.650	16.5	.968	24.6
2	.375	9.5	.670	17.0	.774	19.7	1.046	26.6
3	.475	12.1	.795	20.2	.963	24.5	1.156	29.4
4	.475	12.1	.795	20.2	.963	24.5	1.156	29.4
5	.575	14.6	.920	23.4	1.042	26.5	1.218	30.9
6	1.000	25.4	1.295	32.9	1.420	36.1	1.593	40.5

Shroud Length	Mating Connector Panel Thickness		E Shroud Length	F						G				
	in	mm		Size 1, 2		Size 3, 4, 5		Size 6		Size 1, 2		Size 3-5		
	in	mm		in	mm	in	mm	in	mm	in	mm	in	mm	
CC	N/A	N/A	.174	4.4	1.451	36.9	1.671	42.4	1.827	46.2	1.583	40.2	1.831	46.5
FO	N/A	N/A	.343	8.7	1.625	41.3	1.844	46.8	2.000	50.8	1.750	44.5	2.000	50.8
R1	.031	0.8	.247	6.3	1.525	38.7	1.745	44.3	1.890	48.0	1.656	42.1	1.904	48.4
R2	.047	1.2	.231	5.9	1.509	38.3	1.728	43.9	1.875	47.6	1.640	41.7	1.888	48.0
R3	.062	1.6	.216	5.5	1.500	38.1	1.720	43.7	1.860	47.2	1.625	41.3	1.873	47.6
R4	.093	2.4	.185	4.7	1.470	37.3	1.690	42.9	1.829	46.5	1.594	40.5	1.842	46.8
R5	.104	2.6	.174	4.4	1.451	36.9	1.671	42.4	1.820	46.2	1.583	40.2	1.831	46.5
R6	.125	3.2	.153	3.9	1.430	36.3	1.650	41.9	1.798	45.7	1.563	39.7	1.811	46.0
R7	.156	4.0	.125	3.2	1.400	35.6	1.620	41.1	1.767	44.9	1.531	38.9	1.781	45.2
R8	.135	3.4	.140	3.6	1.417	36.0	1.637	41.6	1.805	45.8	1.550	39.4	1.798	45.7
R9	.188	4.8	.094	2.4	1.368	34.7	1.590	40.4	1.740	44.2	1.500	38.1	1.750	44.5

EMI PANEL GASKET

Install gasket on front side of mating connector panel. Gasket material is .020" thick metalastic (aluminum mesh and silicone). When backshell is fastened to panel connector, the front edge of the shroud seats onto gasket for aperture-free EMI protection.



Shell Size	Gasket Part No.	A	B	C			
		in	mm	in	mm	in	mm
1	559-002-1	.740	18.8	1.500	38.1	.980	24.9
2	559-002-2	.740	18.8	1.810	46.0	1.310	33.3
3	559-002-3	.740	18.8	2.380	60.5	1.850	47.0
4	559-002-4	.740	18.8	3.010	76.5	2.500	63.5
5	559-002-5	.850	21.6	2.920	74.2	2.410	61.2
6	559-002-6	.925	23.5	3.010	76.5	2.500	63.5

SHRINK BOOT

Optional heatshrink boot provides cable strain relief. Lipped boot fits .135 (3.4) wide boot groove. Type 1 high-performance semi-rigid elastomer resists fuels and oils and withstands temperature extremes. Operating temperature range -75 to +150 °C.

Shell Size	Shrink Boot P/N
1	770-001S103
2	770-001S104
3	770-001S105
4	770-001S105
5	770-001S106
6	770-001S107



D-SUBMINIATURE ACCESSORIES