Series 806
Mil-Aero Connectors
387V*243 Composite EMI/RFI Cable Clamp Backshell with Boot Groove

Composite. Straight or 90°. Shielded. Self-Locking. Corrosion-resistant EMI backshell features high-strength thermoplastic construction. Aluminum alloy shield termination rings. Self-locking coupling ring and cable clamp screws. Nickel, cadmium, or nickel-PTFE finish.

Features

- Corrosion resistant high strength engineering thermoplastic
- Self-locking spin coupling
- Non-environmental
- Three shield ferrules

Specifications

- Operating temperature: codes XM, XMT:-65°C to +200°C codes XW:-65°C to +175°C
- Salt spray (corrosion): 2000 hours
- Vibration: SAE AS85049 Category 4C
- Shock: SAE AS85049 Category 4C

Construction

- Adapter: high grade engineering thermoplastic. See How to Order for finish options
- Coupling nut, saddle clamps, clamp body: high grade engineering thermoplastic, no plating, black
- Ferrules: aluminum alloy. See How to Order for finish options.
- Hardware: stainless steel, passivated
- Anti-decoupling device: high grade enginering thermoplastic

Notes

1. Cable entry is measured with the saddle clamps closed and bottomed on clamp ears.

How To Order

SAMPLE PART NUMBER	387VS243	XM	12	06	-4
Product	**387VS243** = Straight Adapter **387VW243** = 90° Adapter				
Material/ Finish	**XM** = Electroless nickel **XMT** = Nickel/PTFE **XW** = Olive Drab Cadmium				
Shell Size	**08 09 10 11 12 14 16 18 20 22 24**				
Cable Entry Code	*See Table 1 for cable entry sizes*				
Adapter Length	***Omit for 90° version. Applicable to 387VS243 only.*** Length in ¼ inch increments: **4** = 1 inch (min.) **5** = 1.25 inches **6** = 1.5 inches **8** = 2 inches				

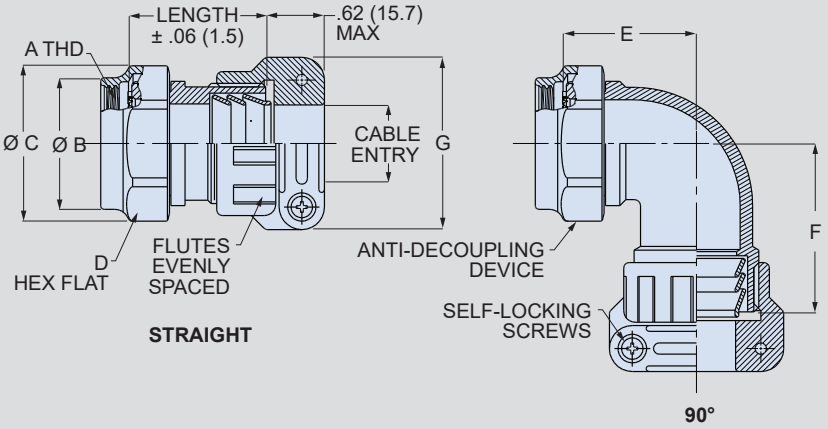

Table 1 Cable Entry Code

Cable Entry Code	Cable Entry ± .039 (1.0)		G Max.	
	In.	mm.	In.	mm.
04	.312	7.9	1.125	28.6
06	.437	11.1	1.250	31.8
08	.500	12.7	1.312	33.3
10	.625	15.9	1.438	36.5
12	.750	19.1	1.625	41.3
14	.874	22.2	1.688	42.9
16	.937	23.8	1.750	44.5
17	1.094	27.8	1.906	48.5

Table 2 Dimensions

Shell Size	A ISO Metric Thread	øB Max.		øC Max.		D Hex		E ± .078 (2.0)		F ± .078 (2.0)		Max. Cable Entry
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	
08	M10 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
09	M12 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
10	M14 x 1.0-6H	.77	19.5	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
11	M15 x 1.0-6H	.77	19.5	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
12	M17 x 1.0-6H	.89	22.6	1.16	29.5	1.00	25.4	.816	20.7	1.860	47.2	08
14	M19 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
16	M22 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
18	M25 x 1.0-6H	1.15	29.2	1.41	35.8	1.25	31.8	.942	23.9	1.942	49.3	12
20	M28 x 1.0-6H	1.28	32.5	1.52	38.6	1.38	34.9	1.003	25.5	2.000	5.8	14
22	M31 x 1.0-6H	1.41	35.8	1.64	41.7	1.50	38.1	1.037	26.3	2.062	52.4	16
24	M34 x 1.0-6H	1.53	38.9	1.77	45.0	1.63	41.3	1.116	28.3	2.194	55.7	17