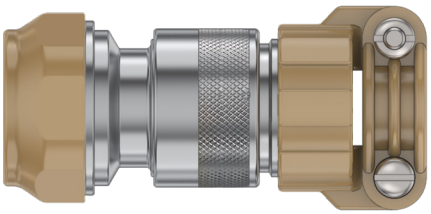
Series 39 EMI+Environmental Backshells

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

390A*052 EMI+Environmental Backshell, Composite, Self-Locking

Self-Locking



Adapter Code A

AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

Shielded. Environmental. Composite. Self-locking. 390A*052 backshell fits **AS50151 crimp (MS3450), AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III** connectors. Lightweight, corrosion-free composite material. Anti-decoupling mechanism provides audible detented coupling and prevents backoff under high vibration. Environmental. Cone and ring braid shield termination. Available with electroless nickel, nickel-PTFE, or olive drab cadmium plating. Glass-reinforced thermoplastic, telescoping stainless steel clamp screw .

MATERIAL/FINISH

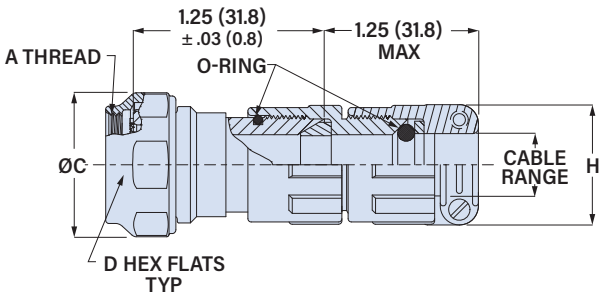
Coupling nut, saddles: glass-reinforced polyetherimide (PEI), unplated, amber color
Body and shield termination ring: polyetherimide (PEI)/finish per PN
Screws, washers: stainless steel/passivated
Anti-decoupling spring: thermoplastic

PART NUMBER

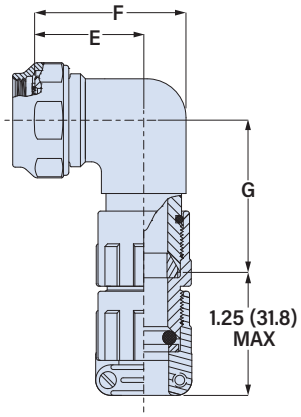
	390AW052	XM	16	12	C

Base P/N	Base Part No.	Profile	Shell Size
	390AS052 (S)	Straight	08-28
	390AT052 (T)	45° Elbow	08-24
	390AW052 (W)	90° Elbow	08-28
Body Finish	XM Electroless Nickel XMT Nickel-PTFE XW Olive Drab Cadmium XTZ Tin-Zinc	*Coupling nut and saddle clamp are unplated.*	
Shell Size	08 10 12 14 16 18 20 22 24 28		
Entry Size	*See Table 1*		
Strain Relief Type	C Saddle Clamp		

S Straight



W 90°



T 45°

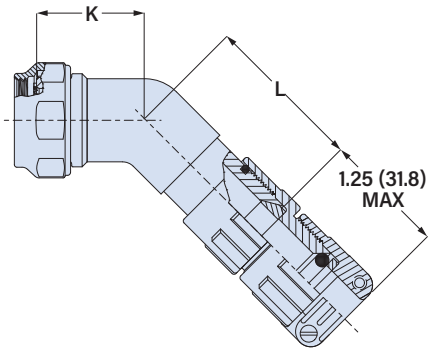


TABLE 1: ENTRY SIZE

Entry Size	Cable Diameter in Min.	in Max.	mm Min.	mm Max.	H Max. in	H Max. mm	Shell Size
10	.13	.25	3.3	6.4	1.00	25.4	08-28
12	.25	.38	6.4	9.7	1.23	31.2	10-28
14	.31	.44	7.9	11.2	1.34	34.0	12-28
16	.50	.63	12.7	15.9	1.47	37.3	14-28
18	.56	.69	14.2	17.5	1.56	39.6	16-28
20	.63	.75	16.0	19.1	1.62	41.1	16-28
22	.75	.88	19.1	22.2	1.75	44.5	20-28
24	.88	1.00	22.4	25.4	1.87	47.5	22-28
28	1.00	1.13	25.4	28.6	1.97	50.0	24-28
32	1.13	1.25	28.6	31.8	2.08	52.8	28

Shell Size	A Thread Class 2B	øC Max in	øC Max mm	D Flats in	D Flats mm	E ± .06(1.5) in	E ± .06(1.5) mm	F ± .09(2.3) in	F ± .09(2.3) mm	G ± .09(2.3) in	G ± .09(2.3) mm	K ± .06(1.5) in	K ± .06(1.5) mm	L ± .06(1.5) in	L ± .06(1.5) mm	Max Entry Size
08	0.500-20 UNF	.86	21.8	.750	19.1	.69	17.5	.88	22.4	1.06	27.0	.72	18.3	.88	22.4	10
10	0.625-24 UNEF	.98	24.9	.875	22.2	.75	19.1	1.00	25.4	1.13	28.7	.75	19.1	.94	23.9	12
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	.81	20.6	1.13	28.7	1.19	30.2	.75	19.1	1.00	25.4	14
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	.88	22.4	1.31	33.3	1.25	31.8	.76	19.3	1.03	26.2	16
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	.94	23.9	1.38	35.1	1.31	33.3	.78	19.8	1.06	26.9	20
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	.97	24.6	1.44	36.6	1.34	34.0	.79	20.1	1.07	27.2	20
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	1.06	26.9	1.63	41.4	1.44	36.6	.82	20.8	1.09	27.7	22
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	1.13	28.7	1.75	44.5	1.50	38.1	.86	21.8	1.14	29.0	24
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	1.19	30.2	1.88	47.8	1.56	39.6	.92	23.4	1.17	29.7	28
28	1.750-18 UNS	2.16	54.9	2.000	50.8	1.34	34.0	2.13	54.1	1.66	42.2	.92	23.4	1.19	30.2	32