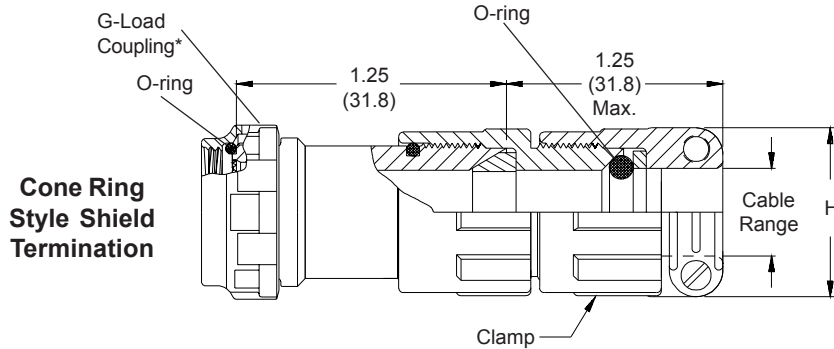


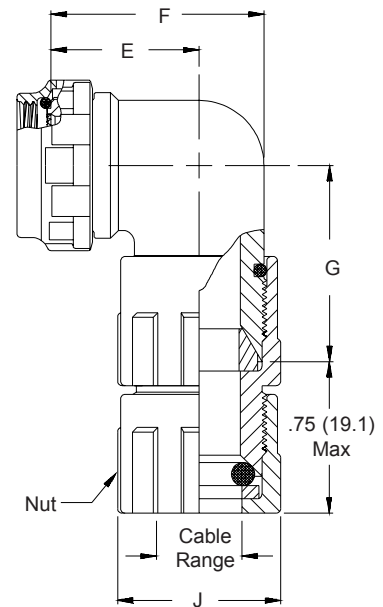
390-073 Composite G-Load Rotatable Coupling Straight & 90° RFI/EMI Environmental Backshell with Strain Relief Clamp or Nut



Composite
Backshells



Note: See Table I and Page D-2 For Front-End Details and Shell Size References



390 H S 073 XM 19 20 C

Product Series — 390
Connector Designator — H
(A, F & H)
Angular Function — S
S = Straight
W = 90° Elbow
Basic Number — 073
Finish Symbol (Table III) — XM
Connector Shell Size (Table I) — 19
Entry Code (Table II) — 20
Strain-Relief Style — C
(C = Clamp, N=Nut)

***U.S. PATENT 6358077**

TABLE II: CABLE ENTRY

Entry Code	H		J		Cable Range			
	±.06	(1.5)	±.06	(1.5)	Minimum	Maximum		
10	.94	(23.9)	.80	(20.3)	.13	(3.3)	.25	(6.4)
12	1.17	(29.7)	.93	(23.6)	.25	(6.4)	.38	(9.7)
14	1.28	(32.5)	1.06	(26.9)	.31	(7.9)	.44	(11.2)
16	1.41	(35.8)	1.22	(31.0)	.50	(12.7)	.63	(15.9)
18	1.50	(38.1)	1.24	(31.5)	.56	(14.2)	.69	(17.5)
20	1.56	(39.6)	1.37	(34.8)	.63	(16.0)	.75	(19.1)
22	1.69	(42.9)	1.49	(37.8)	.75	(19.1)	.88	(22.2)
24	1.81	(46.0)	1.62	(41.1)	.88	(22.4)	1.00	(25.4)
28	1.91	(48.5)	1.68	(42.7)	1.00	(25.4)	1.13	(28.6)
32	2.02	(51.3)	1.82	(46.2)	1.13	(28.6)	1.25	(31.8)

TABLE I: CONNECTOR SHELL SIZE

Shell Size For Connector Designator*			E		F		G		Max Entry Dash No.**
A	F	H	±.06	(1.5)	±.09	(2.3)	±.09	(2.3)	
08	08	09	.69	(17.5)	.88	(22.4)	1.06	(26.9)	10
10	10	11	.75	(19.1)	1.00	(25.4)	1.13	(28.7)	12
12	12	13	.81	(20.6)	1.13	(28.7)	1.19	(30.2)	14
14	14	15	.88	(22.4)	1.31	(33.3)	1.25	(31.8)	16
16	16	17	.94	(23.9)	1.38	(35.1)	1.31	(33.3)	20
18	18	19	.97	(24.6)	1.44	(36.6)	1.34	(34.0)	20
20	20	21	1.06	(26.9)	1.63	(41.4)	1.44	(36.6)	22
22	22	23	1.13	(28.7)	1.75	(44.5)	1.50	(38.1)	24
24	24	25	1.19	(30.2)	1.88	(47.8)	1.56	(39.6)	28
28	—	—	1.34	(34.0)	2.13	(54.1)	1.66	(42.2)	32

**Consult factory for additional entry sizes available.

TABLE III: FINISH

XM*	Electroless Nickel
XW*	Cadmium Olive Drab Over Electroless Nickel

* Note: Coupling nut supplied unplated.

Metric dimensions (mm) are in parentheses and are for reference only.