

360-014

Composite Non-Environmental Backshell with Self-Locking Rotatable Coupling and Strain Relief

CONNECTOR DESIGNATOR:

A	MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F	MIL-DTL-38999 Series I, II
L	MIL-DTL-38999 Series 1.5 (JN1003)
H	MIL-DTL-38999 Series III and IV
G	MIL-DTL-28840
U	DG123 and DG123A

SELF-LOCKING

ROTATABLE COUPLING

STANDARD PROFILE

Product Series

360 - Non-Environmental Strain Relief

Angle and Profile

S - Straight
W - 90° Elbow

Finish Symbol

(See Table III)

Cable Entry

(Table IV)

360

H

S

014

XO

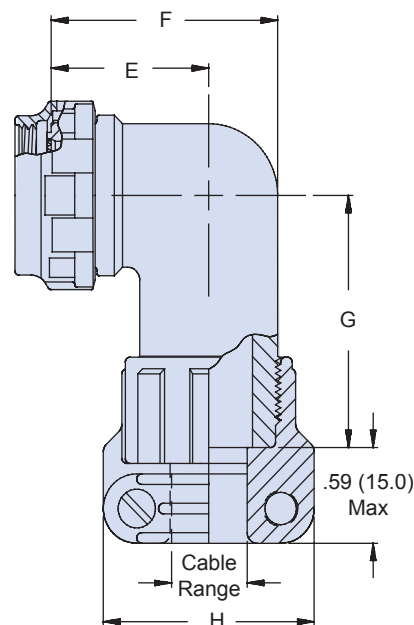
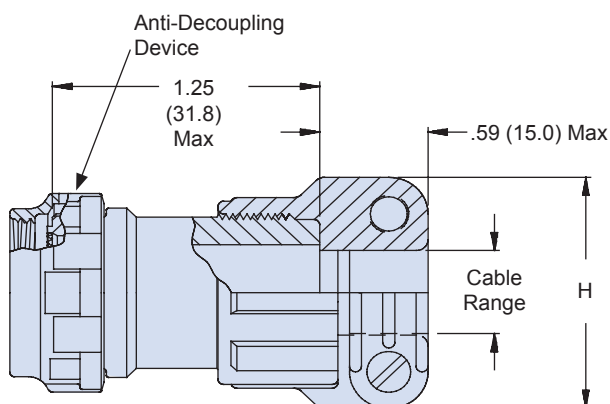
19

20

Connector
Designator
A, F, L, H, G and U

Basic Part
Number

Connector
Shell Size
(See Table II)



NOTES

1. Coupling nut supplied unplated.
2. See Table I in Intro for front-end dimensional details.

360-014

Composite Non-Environmental Backshell with Self-Locking Rotatable Coupling and Strain Relief



TABLE II: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size For Connector Designator*					E		F		G		Max Entry Dash No.**
A	F/L	H	G	U	±.06	(1.5)	±.09	(2.3)	±.09	(2.3)	
08	08	09	—	—	.69	(17.5)	.88	(22.4)	1.06	(27.0)	10
10	10	11	—	08	.75	(19.1)	1.00	(25.4)	1.13	(28.7)	12
12	12	13	11	10	.81	(20.6)	1.13	(28.7)	1.19	(30.2)	14
14	14	15	13	12	.88	(22.4)	1.31	(33.3)	1.38	(35.1)	16
16	16	17	15	14	.94	(23.9)	1.38	(35.1)	1.44	(36.6)	20
18	18	19	17	16	.97	(24.6)	1.44	(36.6)	1.47	(37.3)	20
20	20	21	19	18	1.06	(26.9)	1.63	(41.4)	1.56	(39.6)	22
22	22	23	—	20	1.13	(28.7)	1.75	(44.5)	1.63	(41.4)	24
24	24	25	23	22	1.19	(30.2)	1.88	(47.8)	1.69	(42.9)	28
28	—	—	25	24	1.34	(34.0)	2.13	(54.1)	1.78	(45.2)	32

**Consult factory for additional entry sizes available.

TABLE III: FINISH

Symbol	Finish Description
XB	No Plating - Black Color
XM	2000 Hour Corrosion Resistant Electroless Nickel
XMT	2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. <i>1000 Hour Grey™</i>
XO	No Plating - Brown Color
XW	2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel

TABLE IV: CABLE ENTRY

Dash No.	H		Cable Range			
	±.06	(1.5)	Minimum		Maximum	
10	.94	(23.9)	.16	(4.0)	.25	(6.4)
12	1.17	(29.7)	.29	(5.1)	.38	(9.7)
14	1.28	(32.5)	.40	(10.1)	.44	(11.2)
16	1.41	(35.8)	.52	(12.7)	.63	(15.9)
18	1.50	(38.1)	.58	(14.7)	.69	(17.5)
20	1.56	(39.6)	.64	(16.3)	.75	(19.1)
22	1.69	(42.9)	.72	(18.3)	.88	(22.2)
24	1.81	(46.0)	.79	(20.0)	1.00	(25.4)
28	1.91	(48.5)	.89	(20.3)	1.13	(28.6)
32	2.02	(51.3)	.96	(24.4)	1.25	(31.8)