

377-040 Composite Fiber-Optic Strain-Relief Backshell with Cable Alignment Grommet and Self-Locking Rotatable Coupling

A

CONNECTOR DESIGNATOR:

H MIL-DTL-38999 Series III and IV

U DG123 and DG123A

SELF-LOCKING
ROTATABLE COUPLING
STANDARD PROFILE

Product Series

377 - Fiber Optic Strain Relief

Angle and Profile

S - Straight
W - 90° Elbow

Finish Symbol

(See Table III)

Strain Relief Style

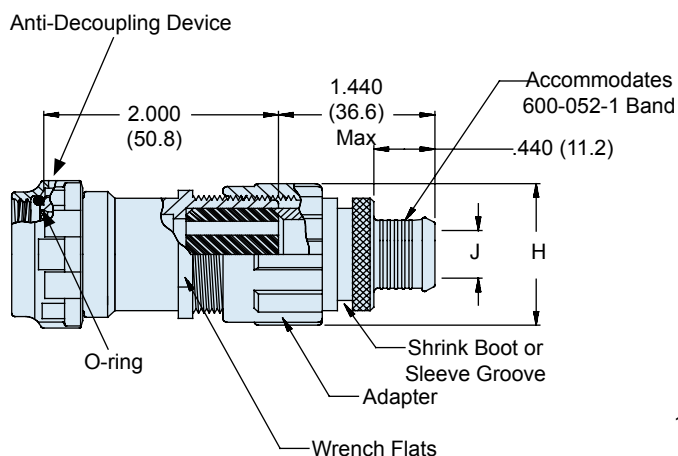
A - Banding Adapter
N - Nut

377
H
S
040
XM
19
A
T

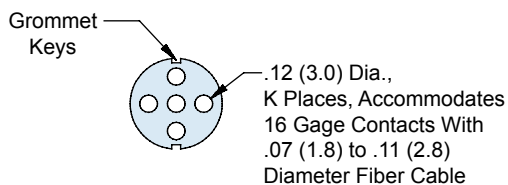
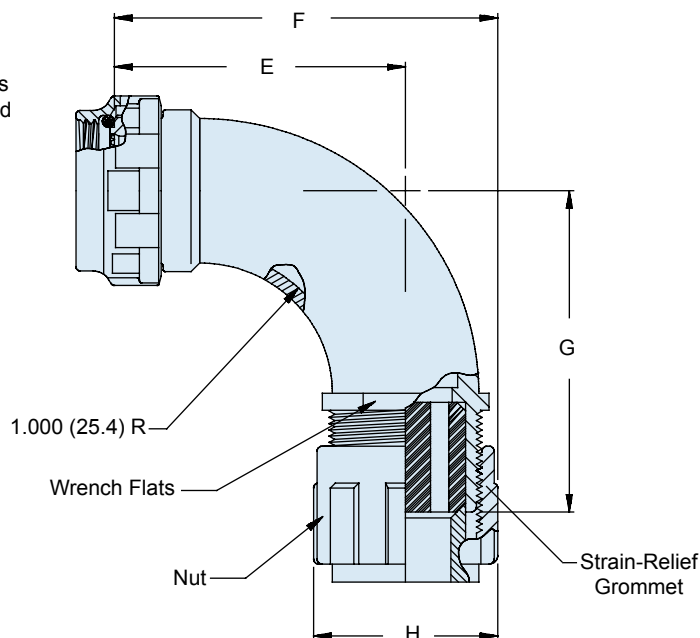
Connector
Designator
H and U

Basic Part
Number

Connector
Shell Size
(See Table II)

Shrink Boot Option
(Omit for none)


U.S. PATENT NO. 6358077



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TABLE II: CONNECTOR SHELL SIZE ORDER NUMBER

Shell Size For Conn. Desig.		E		F		G		H		J		K (# of Holes)*	
H	U	± .06	(1.5)	± .09	(2.3)	± .06	(1.5)	(Max)		Ref.		Code H	Code U
11	---	1.70	(43.2)	2.39	(60.7)	1.90	(48.3)	1.41	(35.8)	.27	(6.9)	2	---
13	11	1.78	(45.2)	2.47	(62.7)	1.96	(49.8)	1.41	(35.8)	.33	(8.4)	4	2
15	13	1.82	(46.2)	2.51	(63.8)	2.02	(51.3)	1.41	(35.8)	.39	(9.9)	5	4
17	15	1.89	(48.0)	2.70	(68.6)	2.09	(53.1)	1.64	(41.7)	.51	(13.0)	8	5
19	17	1.93	(49.0)	2.74	(69.6)	2.13	(54.1)	1.64	(41.7)	.64	(16.3)	11	8
21	19	2.00	(50.8)	2.94	(74.7)	2.19	(55.6)	1.89	(48.0)	.77	(19.6)	16	11
23	21	2.08	(52.8)	3.02	(76.7)	2.25	(57.2)	1.89	(48.0)	.84	(21.3)	21	16
25	23	2.14	(54.4)	3.20	(81.3)	2.32	(58.9)	2.16	(54.9)	.84	(21.3)	29	21
---	25	2.22	(56.4)	3.28	(83.3)	2.39	(60.7)	2.16	(54.9)	.89	(22.6)	---	29

* Use Glenair 687-142 seal plug in vacant holes

TABLE III: FINISH

Symbol	Finish Description
XB	No Plating - Black Color (Non-Conductive Finish)
XO	No Plating - Brown Color (Non-Conductive Finish)

NOTES

1. See Table I in Intro for front-end dimensional details.
2. Metric dimensions (mm) are in parentheses and are for reference only

Mouser Electronics

Authorized Distributor

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Glenair:

[377HS040XB11A](#) [377HS040XB13N](#) [377HS040XB17N](#) [377HS040XB19N](#) [377HS040XB21A](#) [377HS040XB21N](#)
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