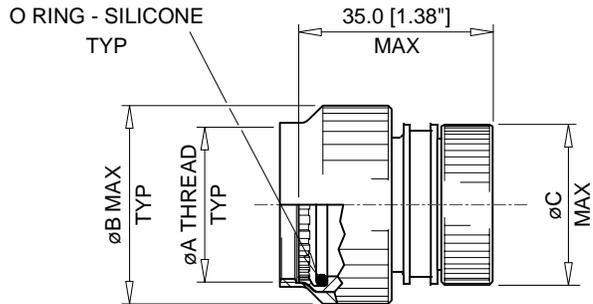


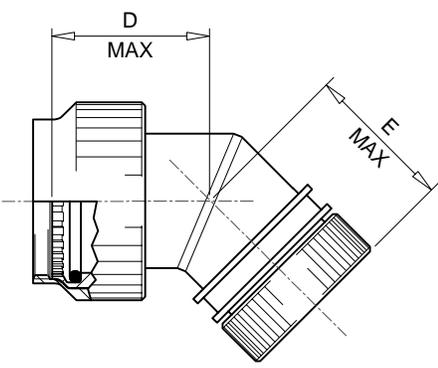
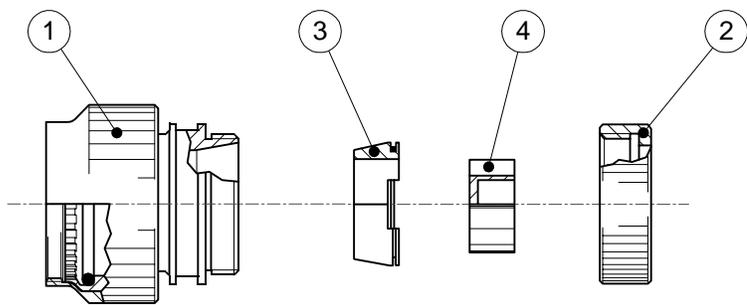
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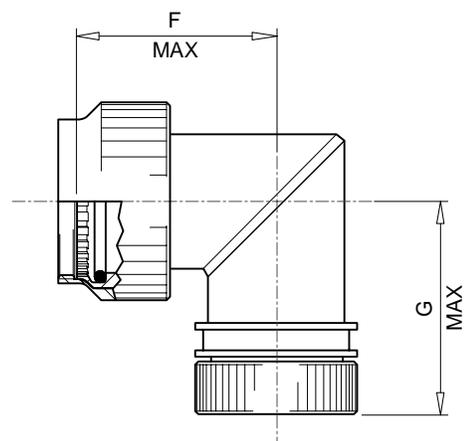
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STRAIGHT ADAPTOR
-00



45° ADAPTOR
-45



90° ADAPTOR
-90

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		<p style="font-size: small;">Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA 94025, USA</p>		TITLE: HexaShield Adaptor for Code 61 Connectors Plain Clamping Nut		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCH DIMENSIONS ARE SHOWN IN BRACKETS		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DOCUMENT NO. HEX61-AY-YY-AYY-1-YY		
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KIT DESCRIPTION

ITEM	DESCRIPTION	MATERIAL
1	BODY ASSEMBLY	ALUMINIUM ALLOY
2	CONDUIT ADAPTOR	ALUMINIUM ALLOY
3	CONIC RING	ALUMINIUM ALLOY
4	STAR	ALUMINIUM ALLOY

TABLE OF DIMENSIONS

Order Number	Shell Size		ØA Thread UNIFIED CLASS 2B	ØB Max	D Max	E Max	F Max	G Max	Ferrule Quantity	
	Com	MIL							Std.	Optional
09	08	A	0.5000"-28 UNEF	21.8 [0.86"]	20.5 [0.81"]	51.0 [2.01"]	24.0 [0.94"]	54.5 [2.15"]	1	-
11	10	B	0.6250"-28 UN	24.9 [0.98"]	21.0 [0.83"]	51.5 [2.03"]	25.5 [1.00"]	56.0 [2.20"]	2	-
15	14	D	0.8750"-28 UN	31.2 [1.23"]	22.0 [0.87"]	53.0 [2.09"]	28.5 [1.12"]	59.0 [2.32"]	5	-
17	16	E	1.0000"-28 UN	34.5 [1.36"]	23.0 [0.90"]	53.5 [2.11"]	30.0 [1.18"]	60.5 [2.38"]	6	7
19	18	F	1.1250"-28 UN	37.6 [1.48"]	28.0 [1.10"]	54.0 [2.13"]	36.0 [1.42"]	62.0 [2.44"]	7	8
21	20	G	1.2500"-28 UN	41.4 [1.63"]	28.5 [1.12"]	54.5 [2.15"]	38.0 [1.50"]	64.0 [2.52"]	9	11
23	22	H	1.3750"-28 UN	43.9 [1.73"]	29.5 [1.16"]	55.5 [2.19"]	39.5 [1.56"]	65.5 [2.58"]	10	11/12/13/15
25	24	J	1.5000"-28 UN	47.2 [1.86"]	30.0 [1.18"]	56.5 [2.22"]	41.0 [1.61"]	67.0 [2.64"]	12	13/14/15/17/18

PART NUMBERING

HEX61 - A B - 00 - 09 - A2 - 1 - DS

- CONNECTOR CODE NUMBER _____

HEX61 = SEE APPLICATION

- MATERIAL CODE: _____

A = ALUMINIUM ALLOY

- PLATING CODE: _____

B = CADMIUM OLIVE DRAB TO SAE-AMS-QQ-P-416

C = ELECTROLESS NICKEL TO SAE-AMS-MIL-C-26074

- BODY STYLE _____

00 = STRAIGHT

45 = 45°

90 = 90°

- ORDER NUMBER _____

- FERRULE QUANTITY CODE _____

- 1 = PLAIN CLAMPING NUT

- DS = DRILLED STAR - SEE NOTE 2

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DRAWN: IRT	DATE: 3/10/06	CAGE CODE: 06090	DCR # D060082	FILE: 87016/61-1	SCALE: NONE
				SHEET: 2 OF 4	

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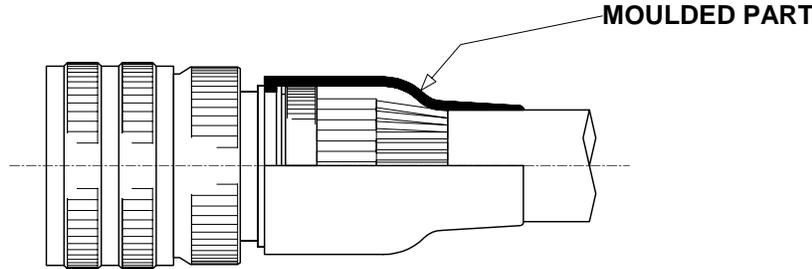
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APPLICATION

- These adaptors are designed to be mounted on the following connectors:

MIL-C-81511 Series I, 2, 3 and 4 Classes A, C, E, F, P and T.
- They are qualified to the Raychem specification RB-114, when installed on metallic Mil-Specification circular connectors only.
- They are designed primarily for open wire bundle installations but are also designed to accept Raychem heat shrink moulded parts where sealing is required – see illustration.



- Use in conjunction with the ferrules HET-A-0XX which are purchased separately. Refer to HET-A-0XX S.C.D. for relevant selection details.

INSTALLATION

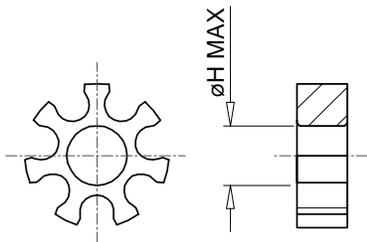
- See Installation Procedure RPIP-696-04 for assembly.
- See Installation Procedure RPIP-696-00 for cable termination.

PACKAGING

- All components are supplied in a plastic bag.

NOTES!

1. Item 4 - Star - is **not** supplied with Hexashield Order Number 09.
2. The DS option, illustrated below, is for a Drilled Star that is available on sizes 15 to 25 for "Standard" ferrule quantities only. This option is to allow unshielded wires to pass through the assembly.



STAR SIZE	15	17	19	21	23	25
ØH MAX	3.0	6.0	9.0	12.0	15.0	18.0
	[0.12"]	[0.24"]	[0.35"]	[0.47"]	[0.59"]	[0.71"]

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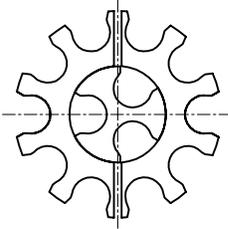
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3. Where the ferrule quantities required are standard, the item 4 - Star - is also standard.
If the optional quantity is selected then 2 items 4 will be supplied - one "split" and the other one standard*,
See below for illustration.

EXAMPLE: FERRULE QUANTITY CODE -A13

-A13 = -A10 SPLIT STAR + -A3 STANDARD STAR



* On Order Number 19 only, the Optional Ferrule quantity of 8 uses a "standard" star also.

4. Assembly is to be permanently marked with Code Identity Number and Part Number.
(e.g. 06090 HEX61-AB-00-21-A9-1)

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				SCALE: NONE	SHEET: 4 OF 4

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