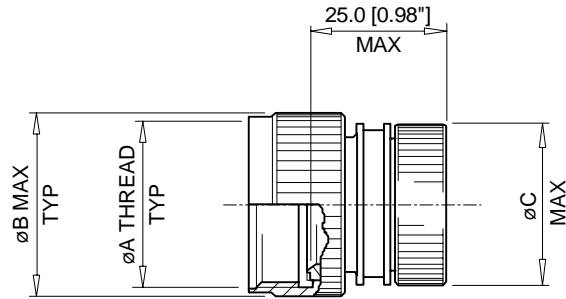


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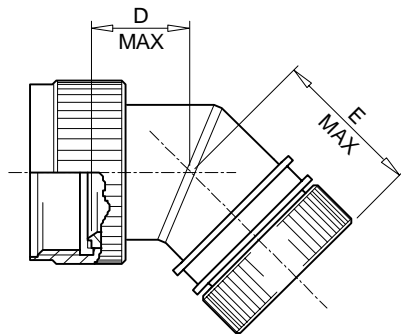
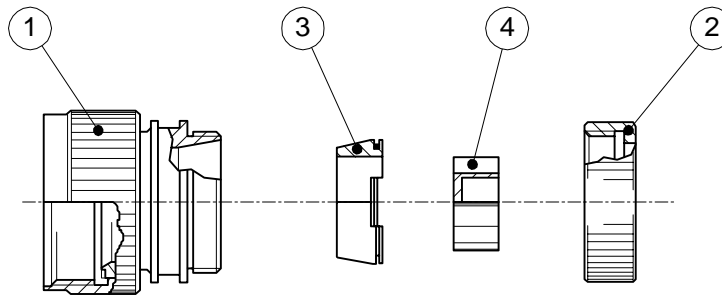
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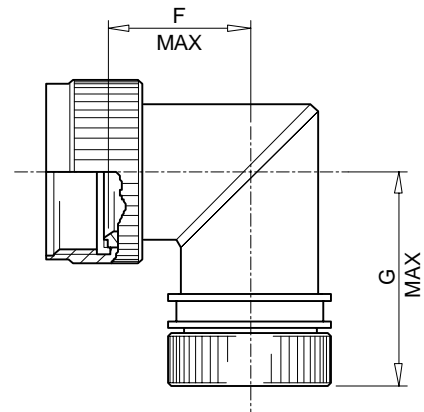
STRAIGHT ADAPTOR

-00



45° ADAPTOR

-45



90° ADAPTOR

-90

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tyco
Electronics

Raychem

Tyco Electronics Corporation
300 Constitution Drive
Menlo Park, CA 94025, USA

TITLE:

**HEXASHIELD ADAPTOR FOR
CODE 54 CONNECTORS
PLAIN CLAMPING NUT**

DOCUMENT NO.

HEX54-KC-YY-AYY-1-YY

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.

DRAWN:
IRT

DATE:
DEC 2005

CAGE CODE:
06090

DCR #
D060170

FILE:
87003/54-KC-1

SCALE:
NONE

SHEET:
1 OF 4

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KIT DESCRIPTION

ITEM	DESCRIPTION	MATERIAL
1	BODY ASSEMBLY	STAINLESS STEEL
2	CLAMPING NUT - PLAIN	STAINLESS STEEL
3	CONIC RING	STAINLESS STEEL
4	STAR	STAINLESS STEEL

TABLE OF DIMENSIONS

Order Number	Shell Size (see overleaf)		ØA Thread UNF/UNEF-2B	ØB Max	ØC Max	D Max	E Max	F Max	G Max	Ferrule Quantity	
	Type A	Type B								Std.	Opt.
11	10	N/A	0.6250"-24	22.0 [0.87"]	21.5 [0.85"]	13.0 [0.51"]	26.0 [1.02"]	17.5 [0.69"]	30.5 [1.20"]	2	-
13	12	07	0.7500"-20	25.0 [0.98"]	22.5 [0.89"]	14.0 [0.55"]	26.5 [1.04"]	19.0 [0.75"]	32.0 [1.26"]	3	-
15	14	12	0.8750"-20	30.0 [1.18"]	25.5 [1.00"]	14.5 [0.57"]	27.5 [1.08"]	20.5 [0.81"]	33.5 [1.32"]	5	-
17	16	19	1.0000"-20	33.0 [1.30"]	28.5 [1.12"]	15.0 [0.59"]	28.0 [1.10"]	22.0 [0.87"]	35.0 [1.38"]	6	-
19	18	27	1.0625"-18	37.0 [1.46"]	31.5 [1.24"]	15.5 [0.61"]	28.5 [1.12"]	23.5 [0.93"]	36.5 [1.44"]	7	-
21	20	37	1.1875"-18	38.0 [1.50"]	35.0 [1.38"]	16.5 [0.65"]	29.0 [1.14"]	25.5 [1.00"]	38.5 [1.52"]	9	11
23	22	N/A	1.3125"-18	41.0 [1.61"]	38.0 [1.50"]	17.0 [0.67"]	30.0 [1.18"]	27.0 [1.06"]	40.0 [1.57"]	10	13
25	24	N/A	1.4375"-18	46.0 [1.81"]	41.0 [1.61"]	18.0 [0.71"]	31.0 [1.22"]	28.5 [1.12"]	41.5 [1.63"]	12	17

PART NUMBERING

HEX54 - K C - 00 - 21 - A9 - 1 - DS

- CONNECTOR CODE NUMBER _____
- HEX54 = SEE APPLICATION
- MATERIAL CODE: _____
- K = STAINLESS STEEL
- PLATING CODE: _____
- C = ELECTROLESS NICKEL TO SAE-AMS-C-26074
- BODY STYLE _____
- 00 = STRAIGHT
- 45 = 45°
- 90 = 90°
- ORDER NUMBER _____
- FERRULE QUANTITY CODE _____
- 1 = PLAIN CLAMPING NUT
- DS = DRILLED STAR - OPTIONAL - SEE NOTE 2 _____

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				TITLE: HEXASHIELD ADAPTOR FOR CODE 54 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. HEX54-KC-YY-AYY-1-YY			
DRAWN:	DATE:	CAGE CODE:	DCR #	FILE:	SCALE:	SHEET:	
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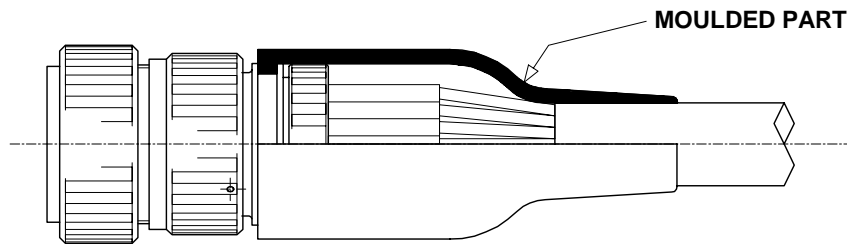
APPLICATION

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

MIL-C-26482 Series II)	
MIL-C-83723 Series I and III)	Shell Size Type A
MIL-C-5015)	
HE312)	

MIL-C-81703 Series III)	
HE312)	Shell Size Type B
DBAD)	

- 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 installation but are also designed to accept Raychem heat shrink moulded parts where strain relief 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

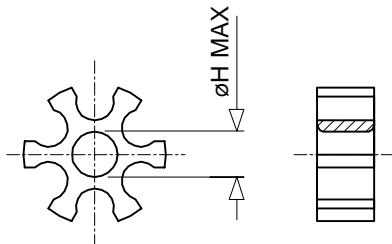
- See Installation Procedure RPIP-696-04 for assembly.
- See Installation Procedure RPIP-696-00 for shield termination.

PACKAGING

- All components are supplied in a plastic bag.

NOTES!

1. The DS option, illustrated below, is for a Drilled Star that is available on sizes 15 to 25 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 [0.12"]	6.0 [0.24"]	9.0 [0.35"]	12.0 [0.47"]	15.0 [0.59"]	18.0 [0.71"]

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		<p style="font-size: small; margin: 0;">Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA 94025, USA</p>		TITLE: HEXASHIELD ADAPTOR FOR CODE 54 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. HEX54-KC-YY-AYY-1-YY			
DRAWN: IRT	DATE: DEC 2005	CAGE CODE: 06090	DCR # D060170	FILE: 87003/54-KC-1	SCALE: NONE	SHEET: 3 OF 4	

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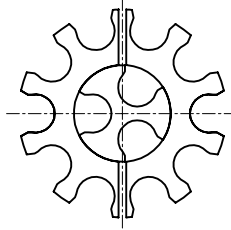
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2. Where the ferrule quantities required are standard, the item 4 - Star - is also standard.
If the optional quantity is selected then 2 items 4 will be supplied - one "split" and the other one standard.
See below for illustration.

EXAMPLE: FERRULE QUANTITY CODE -A13

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



3. Assembly is to be permanently marked with Code Identity Number and Part Number.
(e.g. 06090 HEX54-KC-00-21-A9-1)

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DRAWN:	DATE:	CAGE CODE:	DCR #	FILE:	SCALE:	SHEET:
IRT	DEC 2005	06090	D060170	87003/54-KC-1	NONE	4 OF 4

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