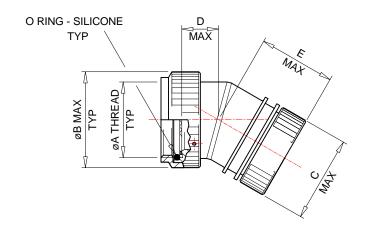
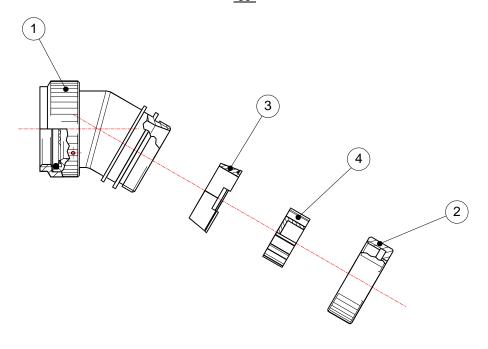
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30° ADAPTOR -30°



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₹ Tyco Electronics		Raychem Adapter 305 Constitution Drive Menlo Park, CA 94025, USA		HexaShield Adaptor 30 D Code 40 Connectors Plain Clamping Nut		for
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCH DIMENSIONS ARE SHOWN IN BRACKETS		Tyco Electronics reserves the rig at any time. Users should evalu product for their application.		DOCUMENT NO.  HEX40-KC-30-YY	-AYY-1-Y	Y
DRAWN: A. BUI	APPROVED: M. PIOZET	DATE: JAN 19, 2009	Cage Code: 06090	FILE: HEX40-KC-30-YY-AYY-1-YY.doc	SCALE: NONE	SHEET: 1 OF 4

REV:	ECO-09-	DATE:		
Α	002052	JAN 26, 2009		

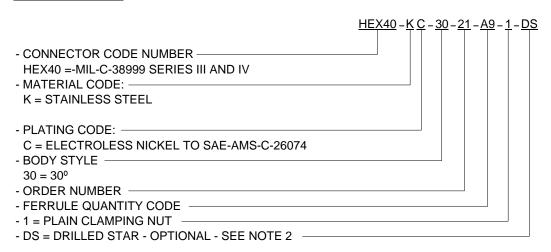
#### **KIT DESCRIPTION**

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

#### **TABLE OF DIMENSIONS**

Order Number	Shel	l Size	ØA Thread Class 6H	<b>ØB</b> Max	<b>ØC</b> Max	<b>D</b> Max	<b>E</b> Max	Fe	errule Quantity
Number	Mil.	Com.	Class of I	IVIAX	IVIAX	IVIAX	IVIAX	Std.	Optional
09	Α	09	M12 x 1	19.0 [0.75"]	17.5 [0.69"]	11.5 [0.45"]	24.0 [0.94"]	1	-
11	В	11	M15 x 1	22.0 [0.87"]	21.5 [0.85"]	12.0 [0.47"]	24.5 [0.96"]	2	-
13	C	13	M18 x 1	25.5 [1.00"]	22.5 [0.89"]	12.5 [0.49"]	25.0 [0.98"]	3	-
15	D	15	M22 x 1	30.5 [1.20"]	25.5 [1.00"]	13.0 [0.51"]	25.5 [1.00"]	5	-
17	E	17	M25 x 1	33.5 [1.32"]	28.5 [1.12"]	13.5 [0.53"]	26.0 [1.02"]	6	7
19	F	19	M28 x 1	37.0 [1.46"]	31.5 [1.24"]	14.0 [0.55"]	26.5 [1.04"]	7	-
21	G	21	M31 x 1	38.5 [1.52"]	35.0 [1.38"]	14.5 [0.57"]	27.0 [1.06"]	9 11	
23	Н	23	M34 x 1	42.0 [1.65"]	38.0 [1.50"]	15.0 [0.59"]	27.5 [1.08"]	10	11, 12 13, 15
25	J	25	M37 x 1	46.5 [1.83"]	41.0 [1.61"]	15.5 [0.61"]	28.0 [1.10"]	12	13, 14, 15, 17, 18

#### **PART NUMBERING**



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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCH DIMENSIONS ARE SHOWN IN BRACKETS		Tyco Electronics reserves the rig at any time. Users should evalu- product for their application.		DOCUMENT NO.  HEX40-KC-30-YY	-AYY-1-Y	Y	
DRAWN: A. BUI	APPROVED: M. PIOZET	DATE: JAN 19, 2009	Cage Code: 06090	FILE: HEX40-KC-30-YY-AYY-1-YY.doc	SCALE: NONE	SHEET: 2 OF 4	

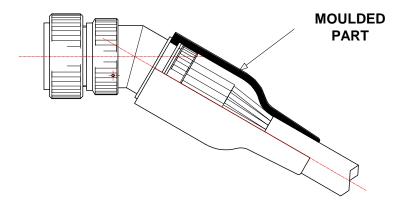
REV:	ECO-09-	DATE:		
Α	002052	JAN 26, 2009		

### **APPLICATION**

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

MIL-C-38999 Series III and IV

- 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 ferrules HET-A-0XX, which are purchased separately. Refer to HET-A-0XX S.C.D. for relevant selection details.

### **INSTALLATION**

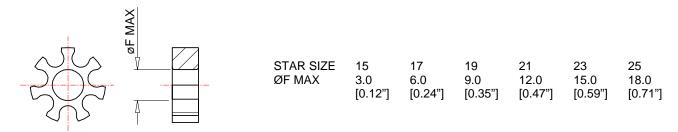
- See Installation Procedure RPIP-696-04.

#### **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 only. This option is to allow unshielded wires to pass through the assembly.



3. Where the ferrule quantities required are standard, the item 4 - Star - is also standard.

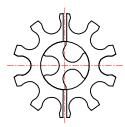
© 2009 Tyco Electronics Corporation. All rights reserved. TITLE: Raychem Adapter Tyco Electronics HexaShield Adaptor 30 Deg. for 305 Constitution Drive Menlo Park, CA 94025, USA **Code 40 Connectors** Plain Clamping Nut DOCUMENT NO. UNLESS OTHERWISE SPECIFIED Tyco Electronics reserves the right to amend this drawing DIMENSIONS ARE IN MILLIMETERS. at any time. Users should evaluate the suitability of the INCH DIMENSIONS ARE SHOWN IN BRACKETS product for their application HEX40-KC-30-YY-AYY-1-YY APPROVED: Cage Code: FILE: SCALE: SHEET: DRAWN: 3 OF 4 HEX40-KC-30-YY-AYY-1-YY.doc A. BUI M. PIOZET JAN 19, 2009 06090 NONE

REV: ECO-09- DATE: A 002052 JAN 26, 2009

If the optional quantity is selected then 2 items 4 will be supplied - one "split" and the other one standard. See below for illustration. Note: Star combination may vary from Order Number to Order Number.

**EXAMPLE: FERRULE QUANTITY CODE -A13** 

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



4. Assembly is to be permanently marked with Code Identity Number and Part Number. (e.g. 06090 HEX40-KC-30-21-A9-1)

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DRAWN: A. BUI	APPROVED: M. PIOZET	DATE: JAN 19, 2009	Cage Code: 06090	FILE: HEX40-KC-30-YY-AYY-1-YY.doc	SCALE: NONE	SHEET: 4 OF 4