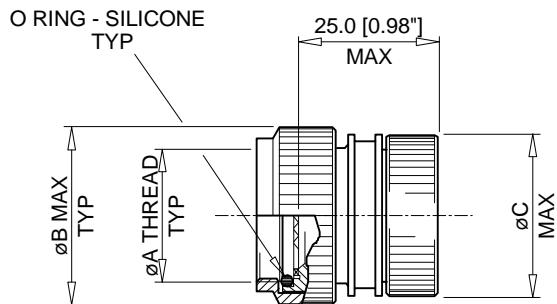


# CUSTOMER DRAWING

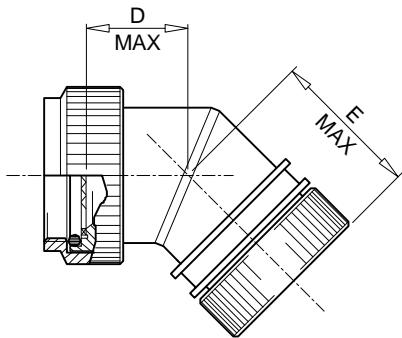
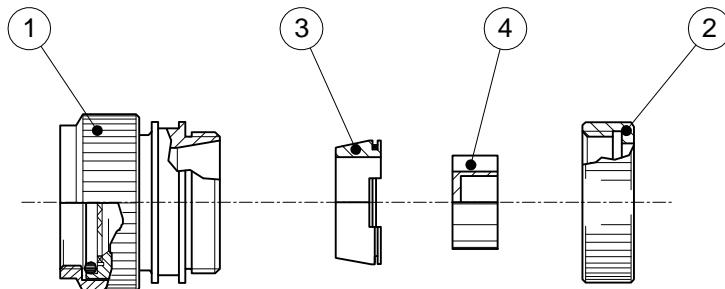
REV:  
E

DATE:  
Sep 24, 2012



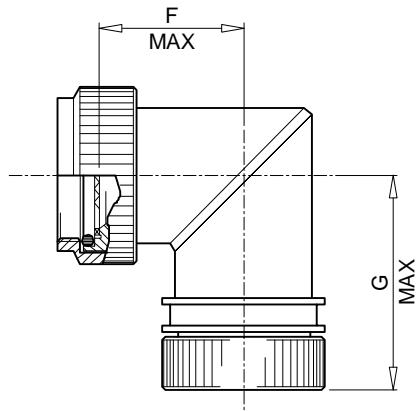
## STRAIGHT ADAPTOR

-00



## 45° ADAPTOR

-45



## 90° ADAPTOR

-90

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights reserved.



TE Connectivity  
300 Constitution Drive  
Menlo Park, CA 94025, USA

TITLE:

**HEXASHIELD ADAPTOR FOR  
CODE 40 CONNECTORS,  
PLAIN CLAMPING NUT**

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS.  
INCH DIMENSIONS ARE SHOWN IN  
BRACKETS

TE Connectivity reserves the right to amend this drawing at  
any time. Users should evaluate the suitability of the  
product for their application.

DOCUMENT NO.

**HEX40-AY-YY-YY-AYY-1-Y**

DRAWN:  
CRJ

DATE:  
MAR 00

CAGE CODE:  
06090

REVISED PER  
ECO-12-017034

FILE:  
hex40\_ay\_yy\_yy\_ayy\_1\_y.doc:

SCALE:  
NONE

SHEET:  
1 OF 3

# CUSTOMER DRAWING

REV:  
E

DATE:  
Sep 24, 2012

## KIT DESCRIPTION

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

## TABLE OF DIMENSIONS

Order Number	Shell Size		ØA Thread Class 6H	ØB Max	ØC Max	D Max	E Max	F Max	G Max	Ferrule Quantity	
	Mil.	Com.								Std.	Opt.
09	A	09	M12 x 1	0.75" [19.0]	0.69" [17.5]	0.57" [14.5]	1.00" [25.5]	0.71" [18.0]	1.14" [29.0]	1	-
11	B	11	M15 x 1	0.87" [22.0]	0.85" [21.5]	0.59" [15.0]	1.02" [26.0]	0.77" [19.6]	1.20" [30.5]	2	-
13	C	13	M18 x 1	1.00" [25.5]	0.89" [22.5]	0.63" [16.0]	1.04" [26.5]	0.83" [21.1]	1.26" [32.0]	3	-
15	D	15	M22 x 1	1.20" [30.5]	1.00" [25.5]	0.65" [16.5]	1.08" [27.5]	0.89" [22.6]	1.32" [33.5]	5	-
17	E	17	M25 x 1	1.32" [33.5]	1.12" [28.5]	0.67" [17.0]	1.10" [28.0]	0.95" [24.1]	1.38" [35.0]	6	7
19	F	19	M28 x 1	1.46" [37.0]	1.24" [31.5]	0.69" [17.5]	1.12" [28.5]	1.01" [25.7]	1.44" [36.5]	7	-
21	G	21	M31 x 1	1.52" [38.5]	1.38" [35.0]	0.73" [18.5]	1.14" [29.0]	1.08" [27.4]	1.52" [38.5]	9	11
23	H	23	M34 x 1	1.65" [42.0]	1.50" [38.0]	0.75" [19.1]	1.18" [30.0]	1.14" [29.0]	1.57" [40.0]	10	13
25	J	25	M37 x 1	1.83" [46.5]	1.61" [41.0]	0.75" [19.1]	1.22" [31.0]	1.20" [30.5]	1.63" [41.5]	12	17

## PART NUMBERING

HEX40-AB-00-21-A9-1-DS-U

-CONNECTOR CODE NUMBER:

HEX40 = MIL-C-38999 SERIES III AND IV

-MATERIAL CODE:

A = ALUMINIUM ALLOY

-PLATING CODE:

B = CADMIUM OLIVE DRAB TO QQ-P416

C = ELECTROLESS NICKEL TO MIL-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

-U = FLUOROSILICONE O-RING - OPTIONAL

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights reserved.

	TE Connectivity 300 Constitution Drive Menlo Park, CA 94025, USA			TITLE: <b>HEXASHIELD ADAPTOR FOR CODE 40 CONNECTORS, PLAIN CLAMPING NUT</b>			
				DOCUMENT NO. <b>HEX40-AY-YY-YY-AYY-1-Y</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCH DIMENSIONS ARE SHOWN IN BRACKETS	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.				FILE: hex40_ay_yy_yy_ayy_1_y.doc	SCALE: NONE	SHEET: 2 OF 3
DRAWN: CRJ	DATE: MAR 00	CAGE CODE: 06090	REVISED PER ECO-12-017034				

If this document is printed it becomes uncontrolled. Check for the latest revision

# CUSTOMER DRAWING

REV:  
E

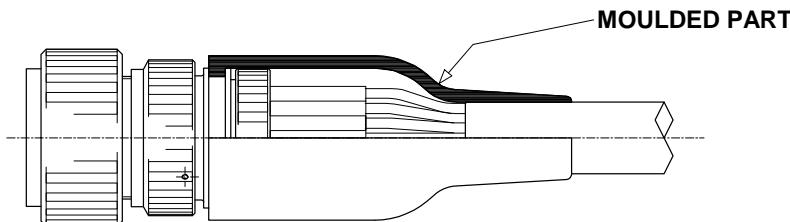
DATE:  
Sep 24, 2012

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

## INSTALLATION

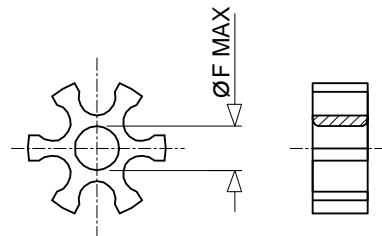
- See Installation Procedure RPIP-696-04.

## 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.



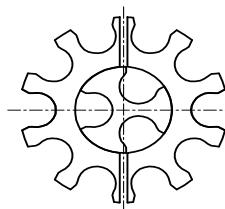
STAR SIZE	15	17	19	21	23	25
ØD MAX	0.12"	0.24"	0.35"	0.47"	0.59"	0.71"
	[3.0]	[6.0"]	[9.0]	[12.0]	[15.0]	[18.0]

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



4. Assembly is to be permanently marked with Code Identity Number and Part Number.  
(e.g. 06090 HEX40-AB-00-21-A9-1)

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights reserved.



TE Connectivity  
300 Constitution Drive  
Menlo Park, CA 94025, USA

TITLE:  
**HEXASHIELD ADAPTOR FOR  
CODE 40 CONNECTORS,  
PLAIN CLAMPING NUT**

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS.  
INCH DIMENSIONS ARE SHOWN IN  
BRACKETS

TE Connectivity reserves the right to amend this drawing at  
any time. Users should evaluate the suitability of the  
product for their application.

DOCUMENT NO.  
**HEX40-AY-YY-YY-AYY-1-Y**

DRAWN:  
CRJ

DATE:  
MAR 00

CAGE CODE:  
06090

REVISED PER  
ECO-12-017034

FILE:  
hex40\_ay\_yy\_yy\_ayy\_1\_y.doc

SCALE:  
NONE

SHEET:  
3 OF 3

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[HEX40-AC-00-25-A12-1](#)