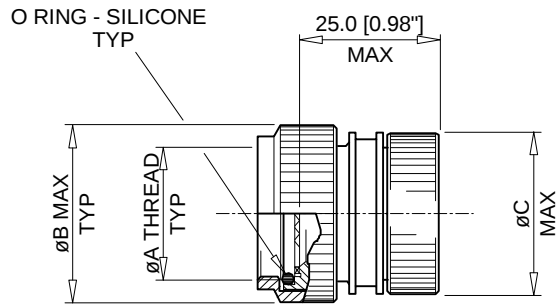


# CUSTOMER DRAWING

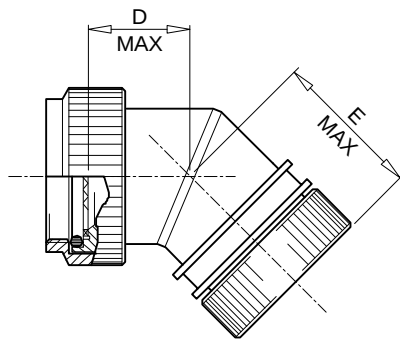
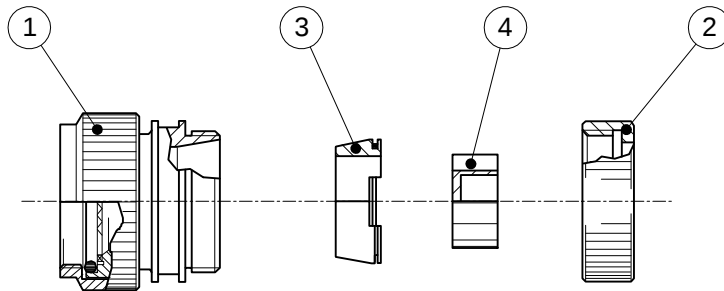
REV:  
E

DATE:  
Sep 24, 2012



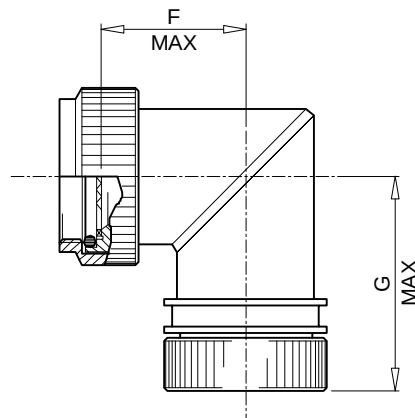
## STRAIGHT ADAPTOR

-00



## 45° ADAPTOR

-45



## 90° ADAPTOR

-90

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

|                                                                                                                                                                         |                 |                                                                                                                                                         |                              |                                                                                            |                |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------|----------------|------------------|
|  <div>TE Connectivity<br/>300 Constitution Drive<br/>Menlo Park, CA 94025, USA</div> |                 |                                                                                                                                                         |                              | TITLE:<br><div>HEXASHIELD ADAPTOR FOR<br/>CODE 40 CONNECTORS,<br/>PLAIN CLAMPING NUT</div> |                |                  |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS.<br>INCH DIMENSIONS ARE SHOWN IN<br>BRACKETS                                                                |                 | TE Connectivity reserves the right to amend this drawing at<br>any time. Users should evaluate the suitability of the<br>product for their application. |                              | DOCUMENT NO.<br><div>HEX40-AY-YY-YY-AYY-1-Y</div>                                          |                |                  |
| DRAWN:<br>CRJ                                                                                                                                                           | DATE:<br>MAR 00 | CAGE CODE:<br>06090                                                                                                                                     | REVISED PER<br>ECO-12-017034 | FILE:<br>hex40_av_vv_vv_avv_1_v.doc:                                                       | SCALE:<br>NONE | SHEET:<br>1 OF 3 |

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

# 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"<br>[19.0] | 0.69"<br>[17.5] | 0.57"<br>[14.5] | 1.00"<br>[25.5] | 0.71"<br>[18.0] | 1.14"<br>[29.0] | 1                | -    |
| 11           | B          | 11   | M15 x 1            | 0.87"<br>[22.0] | 0.85"<br>[21.5] | 0.59"<br>[15.0] | 1.02"<br>[26.0] | 0.77"<br>[19.6] | 1.20"<br>[30.5] | 2                | -    |
| 13           | C          | 13   | M18 x 1            | 1.00"<br>[25.5] | 0.89"<br>[22.5] | 0.63"<br>[16.0] | 1.04"<br>[26.5] | 0.83"<br>[21.1] | 1.26"<br>[32.0] | 3                | -    |
| 15           | D          | 15   | M22 x 1            | 1.20"<br>[30.5] | 1.00"<br>[25.5] | 0.65"<br>[16.5] | 1.08"<br>[27.5] | 0.89"<br>[22.6] | 1.32"<br>[33.5] | 5                | -    |
| 17           | E          | 17   | M25 x 1            | 1.32"<br>[33.5] | 1.12"<br>[28.5] | 0.67"<br>[17.0] | 1.10"<br>[28.0] | 0.95"<br>[24.1] | 1.38"<br>[35.0] | 6                | 7    |
| 19           | F          | 19   | M28 x 1            | 1.46"<br>[37.0] | 1.24"<br>[31.5] | 0.69"<br>[17.5] | 1.12"<br>[28.5] | 1.01"<br>[25.7] | 1.44"<br>[36.5] | 7                | -    |
| 21           | G          | 21   | M31 x 1            | 1.52"<br>[38.5] | 1.38"<br>[35.0] | 0.73"<br>[18.5] | 1.14"<br>[29.0] | 1.08"<br>[27.4] | 1.52"<br>[38.5] | 9                | 11   |
| 23           | H          | 23   | M34 x 1            | 1.65"<br>[42.0] | 1.50"<br>[38.0] | 0.75"<br>[19.1] | 1.18"<br>[30.0] | 1.14"<br>[29.0] | 1.57"<br>[40.0] | 10               | 13   |
| 25           | J          | 25   | M37 x 1            | 1.83"<br>[46.5] | 1.61"<br>[41.0] | 0.75"<br>[19.1] | 1.22"<br>[31.0] | 1.20"<br>[30.5] | 1.63"<br>[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<br>300 Constitution Drive<br>Menlo Park, CA 94025, USA                                                                                  |                                     |                | TITLE:<br><b>HEXASHIELD ADAPTOR FOR<br/>           CODE 40 CONNECTORS,<br/>           PLAIN CLAMPING NUT</b> |  |  |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS.<br>INCH DIMENSIONS ARE SHOWN IN<br>BRACKETS |                 |                     | TE Connectivity reserves the right to amend this drawing at<br>any time. Users should evaluate the suitability of the<br>product for their application. |                                     |                | DOCUMENT NO.<br><b>HEX40-AY-YY-YY-AYY-1-Y</b>                                                                |  |  |
| DRAWN:<br>CRJ                                                                                            | DATE:<br>MAR 00 | CAGE CODE:<br>06090 | REVISED PER<br>ECO-12-017034                                                                                                                            | FILE:<br>hex40_ay_yy_yy_ayy_1_y.doc | SCALE:<br>NONE | SHEET:<br>2 OF 3                                                                                             |  |  |

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

# CUSTOMER DRAWING

REV:  
E

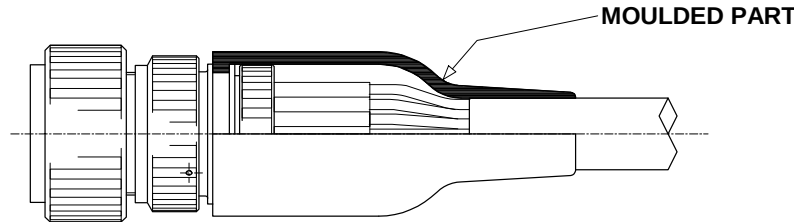
DATE:  
Sep 24, 2012

## 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

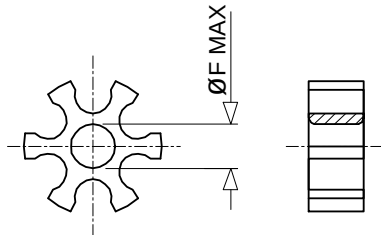
- See Installation Procedure RPIP-696-04.

## 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.

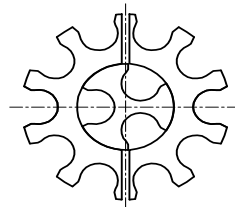


| STAR SIZE | 15             | 17             | 19             | 21              | 23              | 25              |
|-----------|----------------|----------------|----------------|-----------------|-----------------|-----------------|
| ØD MAX    | 0.12"<br>[3.0] | 0.24"<br>[6.0] | 0.35"<br>[9.0] | 0.47"<br>[12.0] | 0.59"<br>[15.0] | 0.71"<br>[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<br>300 Constitution Drive<br>Menlo Park, CA 94025, USA                                                                                  |                              | TITLE:<br><b>HEXASHIELD ADAPTOR FOR<br/>CODE 40 CONNECTORS,<br/>PLAIN CLAMPING NUT</b> |                |                  |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS.<br>INCH DIMENSIONS ARE SHOWN IN<br>BRACKETS |                 | TE Connectivity reserves the right to amend this drawing at<br>any time. Users should evaluate the suitability of the<br>product for their application. |                              | DOCUMENT NO.<br><b>HEX40-AY-YY-YY-AYY-1-Y</b>                                          |                |                  |
| DRAWN:<br>CRJ                                                                                            | DATE:<br>MAR 00 | CAGE CODE:<br>06090                                                                                                                                     | REVISED PER<br>ECO-12-017034 | FILE:<br>hex40_ay_yy_yy_ayy_1_y.doc                                                    | SCALE:<br>NONE | SHEET:<br>3 OF 3 |

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



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331