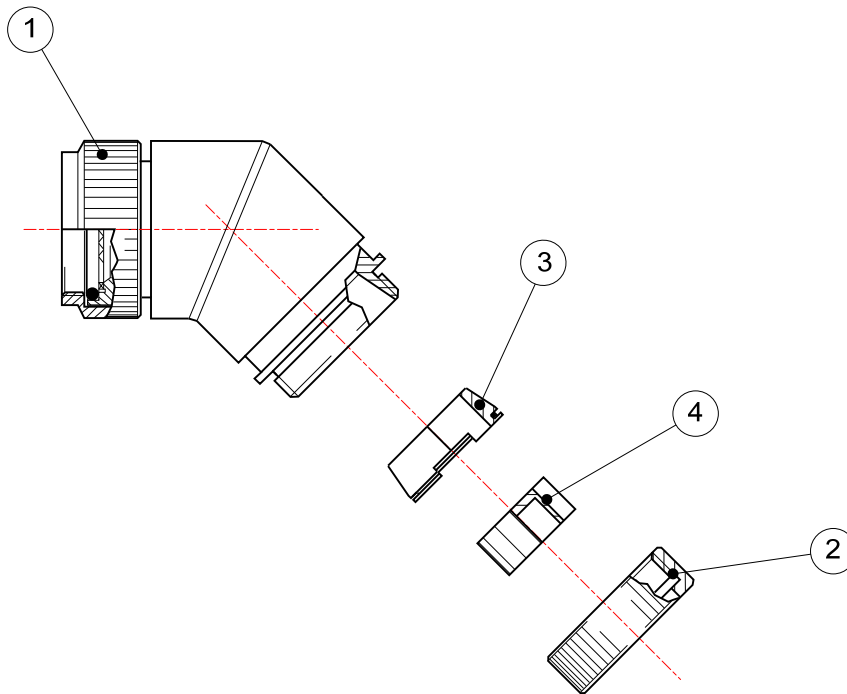
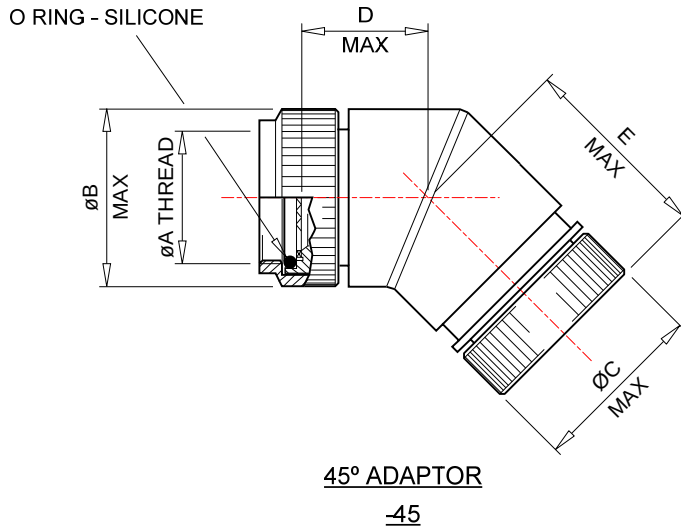


# CUSTOMER DRAWING

REV:  
B

DATE:  
July 26, 2012



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|                                                                                                                                                                                           |                                          |                                                                                                                                                                       |                                                 |                                                                                                   |                                   |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|
| <div></div> <div>Tyco Electronics<br/>300 Constitution Drive<br/>Menlo Park, CA 94025<br/>U.S.A.</div> |                                          |                                                                                                                                                                       |                                                 | <div>TITLE:</div> <div>HEXASHIELD ADAPTOR FOR<br/>CODE 40 CONNECTORS<br/>PLAIN CLAMPING NUT</div> |                                   |                                     |
| <div>UNLESS OTHERWISE SPECIFIED<br/>DIMENSIONS ARE IN MILLIMETERS.<br/>INCH DIMENSIONS ARE SHOWN IN<br/>BRACKETS</div>                                                                    |                                          | <div>Tyco Electronics reserves the right to amend this<br/>drawing at any time. Users should evaluate the<br/>suitability of the product for their application.</div> |                                                 | <div>DOCUMENT NO.</div> <div>HEX40L-KC-45-YY-AY-1</div>                                           |                                   |                                     |
| <div>DRAWN:</div> <div>IRT</div>                                                                                                                                                          | <div>DATE:</div> <div>May 20, 2008</div> | <div>CAGE CODE:</div> <div>06090</div>                                                                                                                                | <div>REVISED PER</div> <div>ECO-12-013539</div> | <div>FILE:</div> <div>HEX40L-KC-45-YY-AY-1</div>                                                  | <div>SCALE:</div> <div>NONE</div> | <div>SHEET:</div> <div>1 OF 3</div> |

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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 - PLAIN         | STAINLESS STEEL |

## TABLE OF DIMENSIONS

| Order Number | Shell Size |      | ØA Thread Class 6H | ØB Max          | ØC Max          | D Max          | E Max           | Ferrule Quantity |
|--------------|------------|------|--------------------|-----------------|-----------------|----------------|-----------------|------------------|
|              | Mil.       | Com. |                    |                 |                 |                |                 | Standard         |
| 09           | A          | 09   | M12 x 1            | 19.0<br>[0.75"] | 17.5<br>[0.69"] | 19.4<br>[.77"] | 25.5<br>[1.00"] | 1                |
| 11           | B          | 11   | M15 x 1            | 22.0<br>[0.87"] | 21.5<br>[0.85"] | 40.5<br>[.79"] | 26.0<br>[1.02"] | 2                |
| 13           | C          | 13   | M18 x 1            | 25.5<br>[1.00"] | 22.5<br>[0.89"] | 45.0<br>[.83"] | 26.5<br>[1.04"] | 3                |

## PART NUMBERING

HEX40 L-K C-45-13-A3-1

-CONNECTOR CODE NUMBER \_\_\_\_\_  
HEX40= MIL-DTL-38999 SERIES III AND IV

L= EXTENDED BODY \_\_\_\_\_

-MATERIAL CODE: \_\_\_\_\_  
K= STAINLESS STEEL

-PLATING CODE: \_\_\_\_\_  
C = ELECTROLESS NICKEL TO SAE AMS-C-26074

-BODY STYLE: \_\_\_\_\_  
45= 45°

-ORDER NUMBER \_\_\_\_\_

-FERRULE QUANTITY CODE \_\_\_\_\_

-1= PLAIN CLAMPING NUT \_\_\_\_\_

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|                                                                                                           |                       |                                                                                                                                                          |                              |                                                                                       |                |                  |
|-----------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------|------------------|
|                        |                       | Tyco Electronics<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>U.S.A.                                                                             |                              | 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 |                       | Tyco Electronics reserves the right to amend this<br>drawing at any time. Users should evaluate the<br>suitability of the product for their application. |                              | DOCUMENT NO.<br><b>HEX40L-KC-45-YY-AY-1</b>                                           |                |                  |
| DRAWN:<br>IRT                                                                                             | DATE:<br>May 20, 2008 | CAGE CODE:<br>06090                                                                                                                                      | REVISED PER<br>ECO-12-013539 | FILE:<br>HEX40L-KC-45-YY-AY-1                                                         | SCALE:<br>NONE | SHEET:<br>2 OF 3 |

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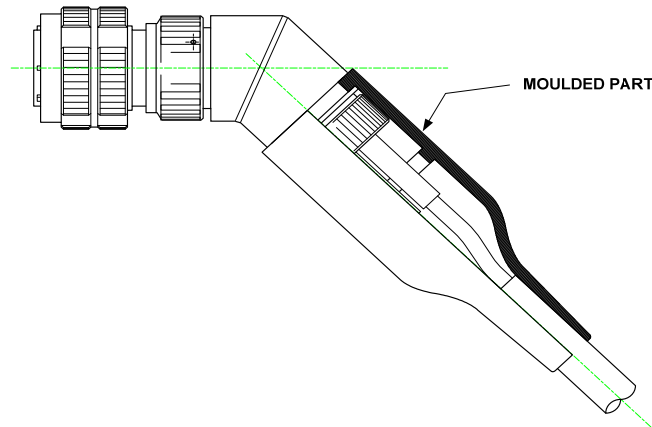
DATE:  
July 26, 2012

## APPLICATION

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

MIL-DTL-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 Customer Drawing for relevant selection details.

## INSTALLATION

- See Installation Procedure RPIP-696-07 for assembly
- See Installation procedure RPIP-696-00 for shield termination.

## PACKAGING

- All components are supplied in a plastic bag.

## NOTES!

1. Item 4 - Star - is **not** supplied with Hexashield Order Number 09.
2. Assembly is to be permanently marked with Code Identity Number and Part Number.  
(e.g. 06090 HEX40L-KC-45-13-A3-1)

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|                                                                                                          |                       |                                                                                                                                                          |                              |                                                                                       |                |                  |
|----------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------|----------------|------------------|
|                       |                       | Tyco Electronics<br>300 Constitution Drive<br>Menlo Park, CA 94025<br>U.S.A.                                                                             |                              | TITLE:<br><b>HEXASHIELD ADAPTOR FOR<br/>CODE 40 CONNECTORS<br/>PLAIN CLAMPING NUT</b> |                |                  |
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Электрон  
Связь**

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**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