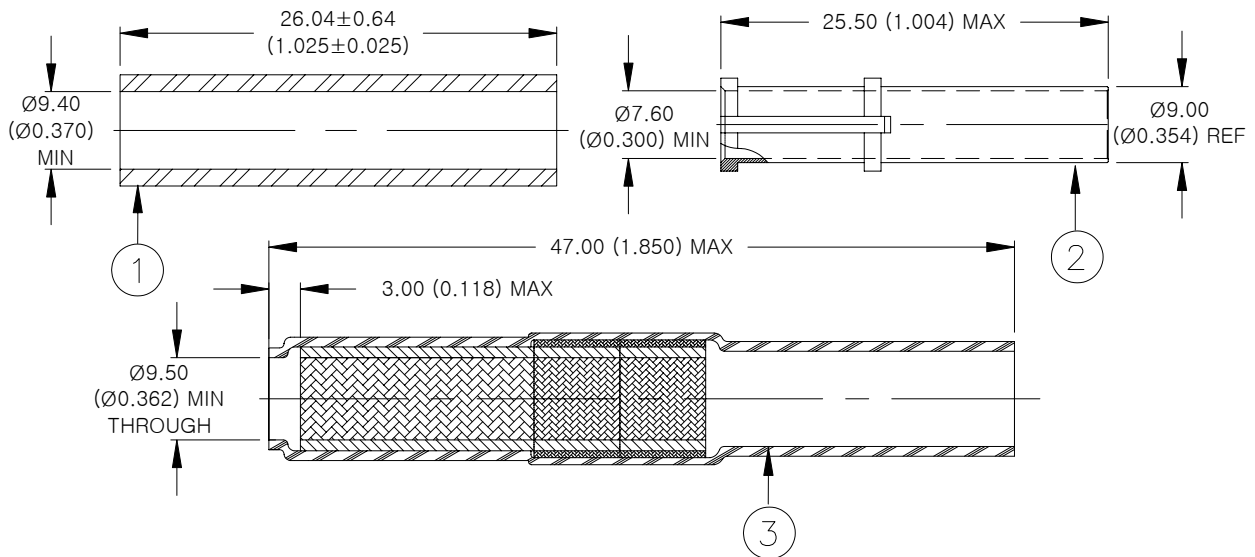


## CUSTOMER DRAWING



### MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. FERRULE: Copper alloy with a suitable plating (see below for plating information).
3. SOLDERSHIELD Device:
  - INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
  - SHIELD: Solder impregnated, flux coated copper.
  - SOLDER: TYPE Sn96 per ANSI / J-STD-006.
  - FLUX: TYPE ROM1 per ANSI / J-STD-004.

### APPLICATION

1. These parts are used on Tyco Electronics / Raychem Hexashield adaptors HXS103-AY-00-14-A1-1, HXS120-AY-90-17-A1-1, HXS121-AY-90-21-A1-1 and HYS113-AY-00-21-A4-1
2. Cable Type: Single or multi-conductors shielded cable: Raychem Spec 44 or Spec 55, single braid. (tin, silver or nickel-plated copper braid)
3. Temperature range: -65°C to +175°C.
4. For all other applications, contact Tyco Electronics / Raychem technical service.

### Part Numbering:

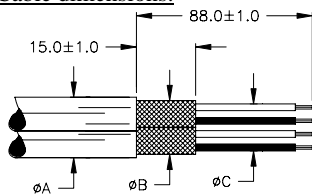
HET-A-05X

↳ Ferrule Plating:

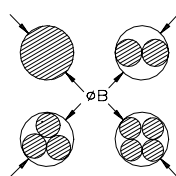
- B: Olive drab cadmium in accordance with SAE AMS-QQ-P-416, over a suitable underplate to withstand 500 hours of salt spray test.
- C: Electroless nickel conforming to SAE AMS-C-26074 Class 3, Grade B.

### Cable Accommodation and Preparation:

#### Cable dimensions:



#### Maximum quantity of braids: 4



Dimensions				
øA		øB		øC
Min.	Max.	Min.	Max.	Max.
5.00 (0.197)	11.80 (0.465)	4.00 (0.157)	11.80 (0.465)	7.50 (0.295)

### Installation:

Refer to Tyco Electronics / Raychem installation procedure RPIP-696-00 for assembly instructions, inspection and repair.

		300 Constitution Dr Menlo Park, CA 94025, U.S.A.	<b>TITLE:</b> <b>FERRULE AND SOLDERSHIELD DEVICE FOR                  HEXASHIELD ADAPTORS</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]		Raychem Devices	<b>DOCUMENT NO.:</b> <b>HET-A-05X</b>		
<b>TOLERANCES:</b> 0.00 N/A 0.0 N/A 0 N/A	<b>ANGLES:</b> N/A  <b>ROUGHNESS</b> IN MICRON	Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		<b>REV:</b> C	<b>DATE:</b> November 2, 2009
<b>REVISED BY:</b> UNGUYEN	<b>CAGE CODE:</b> 06090	<b>ECO NUMBER:</b> ECO-09-024439	<b>SCALE:</b> NTS	<b>SIZE:</b> A	<b>SHEET:</b> 1 of 1

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