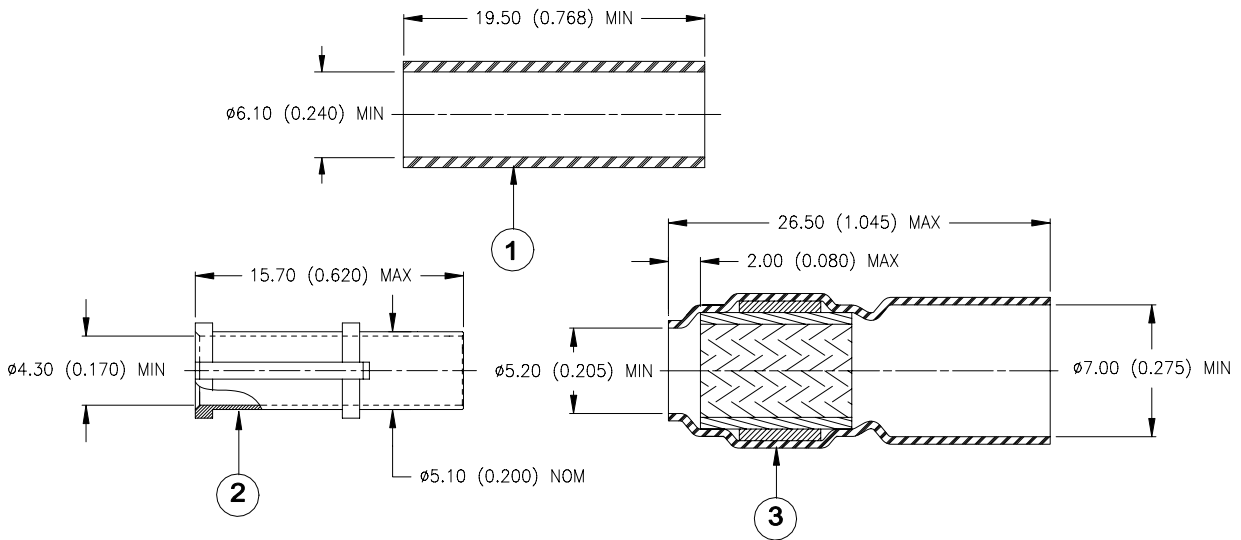


## SPECIFICATION CONTROL DRAWING



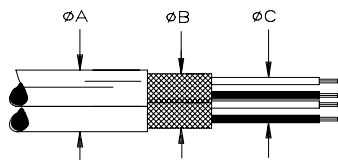
### MATERIALS

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:
  - Heat-shrinkable insulation sleeve, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
  - Copper braid pre-tinned with Sn96Ag4 solder alloy with activated rosin flux.
  - Solder Preform: Sn96Ag4 solder alloy, with activated rosin flux.

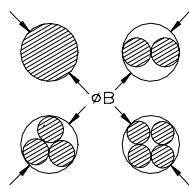
### APPLICATION

1. These parts are used on Tyco Electronics/Raychem Hexashield adaptors.
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 application, contact Tyco Electronics/Raychem technical service.

#### Cable dimensions:



#### Maximum quantity of braids: 4



Cable Dimensions				
phi A		phi B		phi C
Min.	Max.	Min.	Max.	Max.
3.10 (0.122)	6.90 (0.270)	2.40 (0.095)	5.30 (0.210)	4.20 (0.165)

### PART NUMBERING

HET-A-02X

- 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.

### INSTALLATION

See Tyco Electronics/Raychem installation procedure RPIP-696-00.

<b>tyco</b> <i>Electronics</i>	Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.	<i>Raychem</i>	TITLE: <b>FERRULE AND SOLDERSHIELD DEVICE FOR HEXASHIELD ADAPTORS</b>			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]			DOCUMENT NO.: <b>HET-A-02X</b>			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A ROUGHNESS 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.		REV.: A	DATE: 13-Jan-06	APPROVED : MPIOZET
PREPARED BY: mforonda	DCR NUMBER: D060000	REPLACES: D050290	CAGE CODE : 06090	SCALE: ---	SIZE: A	SHEET: 1 of 1

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