CUSTOMER DRAWING



| | | _ | | 0 | _ | 0 | | |
|------------------|---|---------|----------------|----------|------------------|---------|------------|--|
| Product Revision | | Pro | oduct Dimensio | ons | Cable Dimensions | | | |
| Product | | øB | øC | L | øD | øE | J ±0.50 | |
| Name | | min | min | max | max | min | [J ±0.020] | |
| B-023-00-55-22-9 | А | 4.30 | 5.60 | 31.00 | 4.30 | 3.00 | 5.00 | |
| | | [0.169] | [0.220] | [1.220] | [0.169] | [0.118] | [0.197] | |
| B-023-07-55-22-9 | А | 3.10 | 4.50 | 29.00 | 3.10 | 2.40 | 6.00 | |
| | | [0.122] | [0.177] | [1.142] | [0.122] | [0.094] | [0.236] | |

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent clear, modified polytetrafluorethylene.

- 2. SOLDER PREFORM WITH FLUX:
 - SOLDER: TYPE Pb93 per ANSI/J-STD-006.
 - FLUX: TYPE ROM1 per ANSI/J-STD-004.
- 3. MELTABLE SEALING RINGS: Modified fluorinated ethylene propylene.
- 4. GROUND LEAD: Tyco Electronics/Raychem 55PC0813-22-9, nickel-plated copper, AWG 22, Color white.

APPLICATION

- 1. These controlled soldering devices are designed for termination of a nickel-plated copper shield of a cable having an insulation rated for at least 200°C continuous.
- 2. Temperature range: -65° C to $+200^{\circ}$ C.
- 3. Install using Raychem-approved convection or infrared heating tools or equivalent.

For best results, prepare the cable as shown:



| ETE TE Connectivity | | | | Raychem Devices | TITLE: SOLDERSLEEVE DEVICE SHIELD TERMINATION WITH PRE-INSTALLED LEAD HIGH TEMPERATURE | | | | |
|--|---------------------------------------|--|---|--------------------|---|------------------|--------------------|------------------|--|
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | | | DOCUMENT NO.: B-023-XX-55-22-9 | | | | |
| 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. | | PROD. REV.: SEE TABLE | DOC. ISSUE: B | DATE: 21-May-14 | | |
| PREPARED BY mforonda | REVISED PER: ECO-14-007657 | | | | CAGE CODE : 06090 | SCALE: None | SIZE: A | SHEET: 1 of 1 | |

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