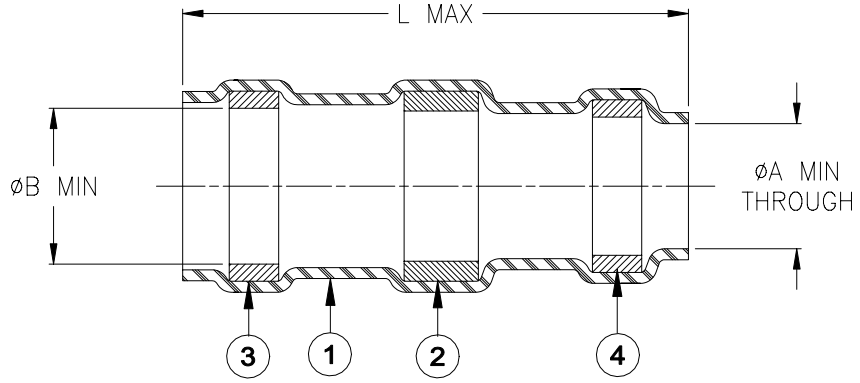
# SPECIFICATION CONTROL DRAWING




| Product Revisions | | Product Dimensions | | | Prepared Cable Dimensions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Product Name | | ØA min | ØB min | L max | ØD max | ØE min | ØF min | ØG max | H | J |
| CWT-3 | D | 2.50 [0.098] | 3.00 [0.118] | 24.5 [0.965] | 3.00 [0.118] | 1.50 [0.060] | 1.00 [0.040] | 2.50 [0.098] | 6.0 ±0.5 [0.236±0.020] | 7.0 ±0.5 [0.726±0.020] |
| CWT-5 | F | 4.30 [0.170] | 4.80 [0.189] | 29.3 [1.154] | 4.80 [0.189] | 2.00 [0.079] | 1.50 [0.059] | 4.30 [0.170] | 8.0 ±0.5 [0.315±0.020] | 9.0 ±0.5 [0.354±0.020] |
| CWT-6 | A | 6.00 [0.236] | 6.70 [0.264] | 32.00 [1.260] | 6.70 [0.264] | 3.30 [0.130] | 2.80 [0.110] | 6.00 [0.236] | 9.0 ±0.5 [0.354±0.020] | 10.0 ±0.5 [0.394±0.020] |
| CWT-7 | F | 6.80 [0.268] | 7.30 [0.287] | 32.50 [1.280] | 7.30 [0.287] | 3.30 [0.130] | 2.80 [0.110] | 6.80 [0.268] | 10.0 ±1.0 [0.394±0.040] | 11.0 ±1.0 [0.433±0.040] |
| CWT-9 | A | 8.70 [0.343] | 9.20 [0.362] | 35.50 [1.398] | 9.20 [0.362] | 4.50 [0.177] | 4.00 [0.157] | 8.70 [0.343] | 11.0 ±1.0 [0.433±0.040] | 12.0 ±1.0 [0.472±0.040] |
| CWT-11 | E | 10.80 [0.425] | 11.50 [0.453] | 35.50 [1.398] | 11.50 [0.453] | 4.50 [0.177] | 4.00 [0.157] | 10.80 [0.425] | 12.0 ±1.0 [0.472±0.040] | 13.0 ±1.0 [0.512±0.040] |
| CWT-13 | A | 13.00 [0.512] | 15.10 [0.594] | 45.50 [1.791] | 15.10 [0.594] | 7.00 [0.276] | 6.50 [0.256] | 13.00 [0.512] | 16.0 ±1.0 [0.630±0.040] | 17.0 ±1.0 [0.670±0.040] |

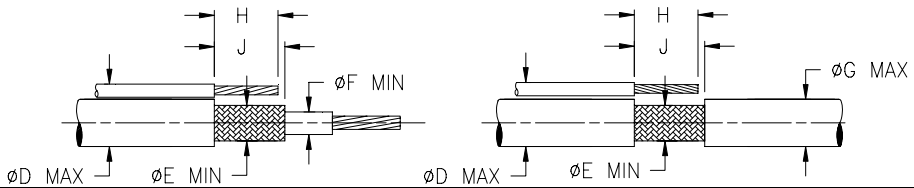
**MATERIALS**

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyolefin. Color: transparent clear.
2. SOLDER PREFORM WITH FLUX:
   SOLDER: TYPE Cd18 per ANSI/J-STD-006.
   FLUX: TYPE ROM1 per ANSI/J-STD-004.
3. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue (size 3, 5, 6, 7, 9, 11); natural (size 13)
4. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue (size 3, 5, 7, 11); gray (size 6); natural (size 9, 13)

**APPLICATION**

1. These controlled soldering devices are designed for termination of a bare or tin-plated copper shield on a cable having an insulation rated for at least +85°C, meeting the dimensional criteria listed in the table above.
2. Temperature range: -55°C to +125°C.
3. When installed properly, it will meet the requirements of Tyco Electronics / Raychem Specification RT-1404.
4. For installation procedure and application equipment consult Tyco Electronics / Raychem document RPIP-824-00.

For best results, prepare the cable as shown:

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|---|---|---|---|---|---|
| tyco Electronics | Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A. | Raychem | TITLE: Soldersleeve Shield Terminator | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | DOCUMENT NO.: CWT-XX | | |
| 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: 3 | DATE: 11-Mar-04 |
| PREPARED BY: mforonda | CAGE CODE : 06090 | REPLACES: D020508 | DCR NUMBER: D040057 | SCALE: --- | SIZE: A / SHEET: 1 of 1 |

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