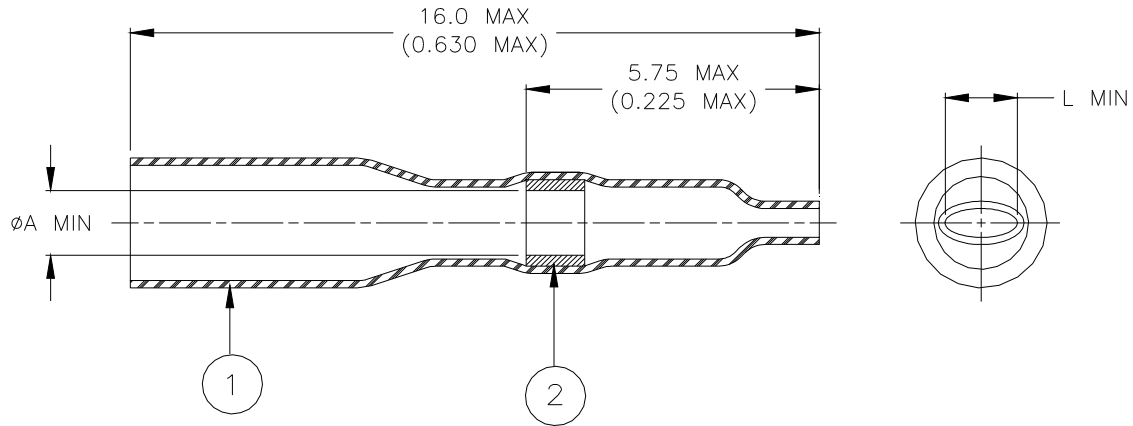


## SPECIFICATION CONTROL DRAWING



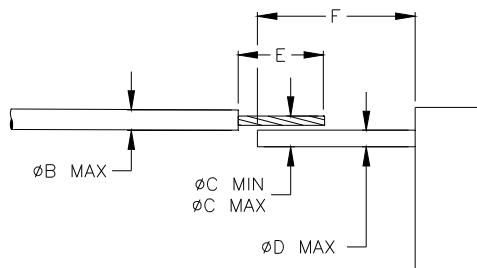
| Product Revision |   | Product Dimensions |             | Wire and Pin Dimensions |             |             |             |
|------------------|---|--------------------|-------------|-------------------------|-------------|-------------|-------------|
| Product Name     |   | øA min             | L min       | øB max                  | øC min      | øC max      | øD max      |
| CWT-1501         | A | 1.5 (0.060)        | 1.5 (0.060) | 2.0 (0.080)             | 0.9 (0.035) | 1.5 (0.060) | 0.6 (0.025) |
| CWT-1502         | A | 2.3 (0.090)        | 2.3 (0.090) | 2.9 (0.115)             | 1.1 (0.045) | 2.3 (0.090) | 0.9 (0.035) |
| CWT-1503         | A | 2.8 (0.110)        | 2.8 (0.110) | 3.2 (0.125)             | 1.6 (0.065) | 2.8 (0.110) | 1.2 (0.045) |
| CWT-1504         | A | 3.8 (0.150)        | 3.8 (0.150) | 4.5 (0.180)             | 1.8 (0.070) | 3.8 (0.150) | 1.5 (0.060) |

### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent clear, radiation cross-linked modified polyolefin.
- SOLDER PREFORM WITH FLUX:
  - SOLDER: TYPE Cd18 per ANSI-J-STD-006.
  - FLUX: TYPE ROM1 per ANSI-J-STD-004.

### APPLICATION

- These controlled soldering devices are designed for termination of a wire to the lead of electrical component or to the terminal of a connector.
- Temperature range: -55°C to +125°C.
- For installation procedure and application equipment, consult RPIP-824-00  
For best results, prepare the cable as shown:



### Stripping Dimensions

- Wires smaller than AWG 18:  
E: 6.5±0.5  
F: 8.0±0.5
- Wires AWG 18 and larger:  
E: 9.5±0.5  
F: 11.0±0.5

|                                                                                                      |  |                                           |  |                                                                                                                                                            |  |                                                                                  |  |                          |  |                |  |            |  |                  |  |
|------------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|--------------------------|--|----------------|--|------------|--|------------------|--|
|                   |  | <b>Raychem</b>                            |  | TE Connectivity<br>300 Constitutional Drive<br>Menlo Park, CA 94025 USA                                                                                    |  | TITLE :<br><br><b>Solder Sleeve One Step<br/>Wire Terminator Low Temperature</b> |  |                          |  |                |  |            |  |                  |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |                                           |  |                                                                                                                                                            |  | DOCUMENT NO.: <b>CWT-150X</b>                                                    |  |                          |  |                |  |            |  |                  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                          |  | ANGLES: N/A<br><br>ROUGHNESS IN<br>MICRON |  | TE Connectivity reserves the right to amend<br>this drawing at any time. Users should evaluate<br>the suitability of the product for their<br>application. |  | DATE:<br><br>15-Apr-11                                                           |  | DOC ISSUE:<br><br>7      |  |                |  |            |  |                  |  |
| DRAWN BY:<br>M. FORONDA                                                                              |  | CAGE CODE:<br>06090                       |  | REPLACES:<br>D980899                                                                                                                                       |  | DCR NUMBER:<br>D010038                                                           |  | PROD. REV.:<br>SEE TABLE |  | SCALE:<br>None |  | SIZE:<br>A |  | SHEET:<br>1 of 1 |  |