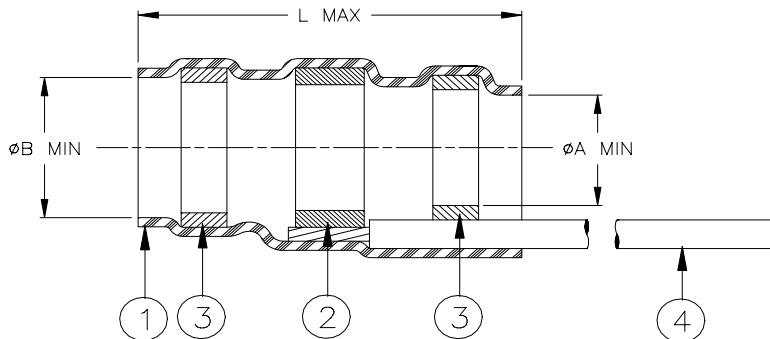


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Product Dimensions |                  |                  | Cable Dimensions |                 |                 |                  |                             |
|------------------|---|--------------------|------------------|------------------|------------------|-----------------|-----------------|------------------|-----------------------------|
| Product Name     |   | øA min             | øB min           | L max            | øD max           | øE min          | øF min          | øG max           | J                           |
| CWT-3-W122-5     | A | 2.50<br>(0.098)    | 3.00<br>(0.118)  | 24.50<br>(0.965) | 3.00<br>(0.118)  | 1.50<br>(0.059) | 1.00<br>(0.040) | 2.50<br>(0.098)  | 7.00±0.50<br>(0.276±0.020)  |
| CWT-5-W122-5     | A | 4.30<br>(0.169)    | 4.80<br>(0.189)  | 29.30<br>(1.154) | 4.80<br>(0.189)  | 2.00<br>(0.079) | 1.50<br>(0.059) | 4.30<br>(0.169)  | 9.00±0.50<br>(0.354±0.020)  |
| CWT-6-W122-5     | A | 6.00<br>(0.236)    | 6.70<br>(0.264)  | 32.00<br>(1.260) | 6.70<br>(0.264)  | 3.30<br>(0.130) | 2.80<br>(0.110) | 6.00<br>(0.236)  | 10.00±0.50<br>(0.394±0.020) |
| CWT-7-W122-5     | A | 6.40<br>(0.252)    | 7.30<br>(0.287)  | 32.50<br>(1.280) | 7.30<br>(0.287)  | 3.30<br>(0.130) | 2.80<br>(0.110) | 6.40<br>(0.252)  | 11.00±1.00<br>(0.433±0.040) |
| CWT-9-W122-5     | A | 8.70<br>(0.343)    | 9.20<br>(0.362)  | 35.50<br>(1.398) | 9.20<br>(0.362)  | 4.50<br>(0.177) | 4.00<br>(0.157) | 8.70<br>(0.343)  | 12.00±1.00<br>(0.472±0.040) |
| CWT-11-W122-5    | A | 10.00<br>(0.394)   | 11.50<br>(0.453) | 35.50<br>(1.398) | 11.50<br>(0.453) | 4.50<br>(0.177) | 4.00<br>(0.157) | 10.00<br>(0.394) | 13.00±1.00<br>(0.512±0.040) |
| CWT-13-W122-5    | A | 13.00<br>(0.512)   | 15.00<br>(0.591) | 45.50<br>(1.791) | 15.10<br>(0.594) | 7.00<br>(0.276) | 6.50<br>(0.256) | 13.00<br>(0.512) | 17.00±1.00<br>(0.669±0.040) |

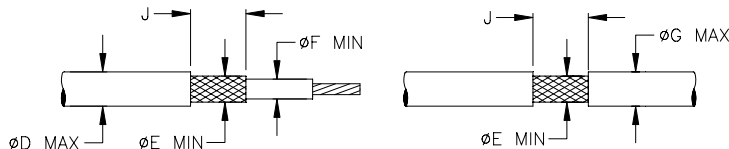
### MATERIALS

1. INSULATION SLEEVE: Transparent heat-shrinkable radiation cross-linked modified polyolefin.
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.
4. GROUND LEAD: Raychem cross-linked polyethylene wire, AWG22, stranded tin plated copper. Color: green.

### 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, these devices will meet the requirements of Tyco Electronics/Raychem Specification RT-1404.
4. For installation procedure and application equipment, consult Tyco Electronics/Raychem RPIP 824-00.

For best results, prepare the cable as shown:



|  |  |  |  |  |  |  |  |                  |  |
|--|--|--|--|--|--|--|--|------------------|--|
| <b>tyco</b><br>Electronics   |  | Tyco Electronics Corporation<br>305 Constitutional Drive<br>Menlo Park, CA 94025 USA |  | <b>RAYCHEM</b>   |  | TITLE:<br><b>SOLDERSLEEVE TERMINATOR WITH<br/>PRE-INSTALLED LEAD</b> |  |                  |  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |  |  |  |  |  | DOCUMENT NO.:  |  |                  |  |
|  |  |  |  |  |  | <b>CWT-XX-W122-5</b>   |  |                  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  |  | ANGLES: N/A  |  | Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. |  | DOC. ISSUE:  |  | DATE:            |  |
|  |  | ROUGHNESS IN MICRON  |  |  |  | 1  |  | 8-May-03         |  |
| DRAWN BY:<br>M. FORONDA  |  | CAGE CODE:<br>06090  |  | REPLACES:<br>D980472   |  | DCR NUMBER:<br>D030070   |  | PROD. REV.:      |  |
|  |  |  |  |  |  | SEE TABLE  |  | SCALE:<br>None   |  |
|  |  |  |  |  |  |  |  | SIZE:<br>A       |  |
|  |  |  |  |  |  |  |  | SHEET:<br>1 of 1 |  |

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