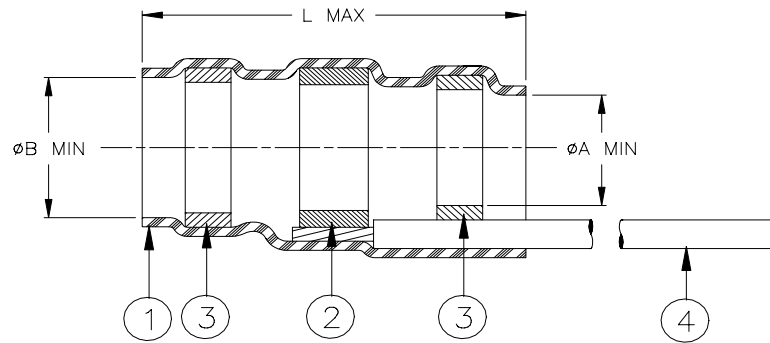


## SPECIFICATION CONTROL DRAWING



| 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-W122-9     | 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-W122-9     | 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-W122-9     | 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-W122-9     | 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-W122-9     | 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-W122-9    | 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-W122-9    | 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) |

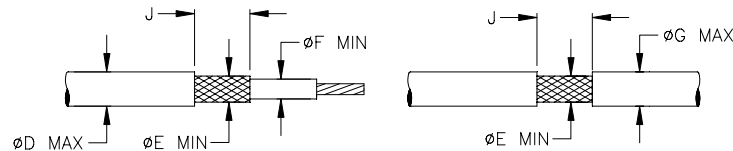
### MATERIALS

- INSULATION SLEEVE: Transparent heat-shrinkable 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.
- MELTABLE SEALING RING: Thermally stabilized thermoplastic.
- GROUND LEAD: Raychem cross-linked polyethylene wire, AWG22, stranded tin-plated copper. Color: white.

### APPLICATION

- 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.
- Temperature range: -55°C to +125°C.
- When installed properly, these devices will meet the requirements of Tyco Electronics/Raychem Specification RT-1404.
- 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><br><i>Electronics</i>                                                                  |  | 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.:<br><b>CWT-XX-W122-9</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                                            |  | Tyco Electronics reserves the right to amend<br>this drawing at any time. Users should evaluate<br>the suitability of the product for their<br>application. |                                                                      | DOC. ISSUE:<br><br>1   |  | DATE:<br><br>8-May-03    |  |                |  |            |  |                  |  |
| DRAWN BY:<br>M. FORONDA                                                                                |  | CAGE CODE:<br>06090                                                                  |  | REPLACES:<br>D020487                                                                                                                                        |                                                                      | DCR NUMBER:<br>D030071 |  | PROD. REV.:<br>SEE TABLE |  | SCALE:<br>None |  | SIZE:<br>A |  | SHEET:<br>1 of 1 |  |

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