

	Pro	duct Dimens	sions	Cable Dimensions				
Product	øA	øB	L	øD	øE	øF	øG	J
Name	min	min	max	max	min	min	max	
CWT-7-W116-9	6.40	7.30	32.50	7.30	3.30	2.80	6.40	$11.00 \pm 1.00$
	(0.252)	(0.287)	(1.280)	(0.287)	(0.130)	(0.110)	(0.252)	(0.433±0.040)
CWT-9-W116-9	8.70	9.20	35.50	9.(0.362	4.50	4.00	8.70	$12.00 \pm 1.00$
	(0.343)	(0.362)	(1.398)	)	(0.177)	(0.157)	(0.343)	(0.472±0.040)
CWT-11-W116-9	10.00	11.50	35.50	11.50	4.50	4.00	10.00	13.00±1.00
	(0.394)	(0.453)	(1.398)	(0.453)	(0.177)	(0.157)	(0.394)	(0.512±0.040)
CWT-13-W116-9	13.00	15.10	45.50	15.10	7.00	6.50	13.00	$17.00 \pm 1.00$
	(0.512)	(0.594)	(1.791)	(0.594)	(0.276)	(0.256)	(0.512)	$(0.669 \pm 0.040)$

## **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, AWG16, stranded tin-plated copper. Color: white.

## 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:

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= <u>TE</u>						SOLDERSLEEVE TERMINATOR WITH PRE- INSTALLED LEAD					
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] Devices TOLERANCES: ANGLES: ± 0°30' TE Connectivity reserves the right to				Devices	DOCUMENT NO.: CWT-XX-W116-9						
0.00 ± 0.02 MM 0.0 ± 0.2 MM 0 ± 0.5 MM	ROUGH IN MICR		amend this drawing at any time. Users should evaluate the suitability of the product for their application.		ate the suitability	Revision D	:	Issue Date : April 2020			
PREPARED BY: TNGUYE	CAGE CODE: 2N 06090		DATE: Apr	il 21, 2020	ECO: ECO-20-004959	SCALE: NTS	SIZE: A	SHEET: 1 of 1			

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