

	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	9.20	4.50	4.00	8.70	$12.00 \pm 1.00$	
	(0.343)	(0.362)	(1.398)	(0.362)	(0.177)	(0.157)	(0.343)	$(0.472 \pm 0.040)$	
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±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:  $-55^{\circ}$ C to  $+125^{\circ}$ 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:	J - ØF MIN ØF MIN	J - ØG MAX
--	----------------------	------------

TE Connectivity					SOLDERSLEEVE TERMINATOR WITH PRE-INSTALLED LEAD					
1 ,				Raychem Devices	DOCUMENT NO.: CWT-XX-W116-9				-9	
TOLERANCES:	ANGLES:	± 0°30'	Tyco Electronics reserves the right to amend							
0.00 ± 0.02 MM 0.0 ± 0.2 MM 0 ± 0.5 MM	ROUGHI IN MICR			suitabil	time. Users should lity of the product for	REV: C1			DATE: February 26, 2014	
PREPARED BY: TNGUYEN			GE CODE: E0 06090		NUMBER: ECO-14-002835	SCALE:	NTS		SIZE: A	SHEET: 1 of 1

© 2014 Tyco Electronics Corporation. All rights reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.