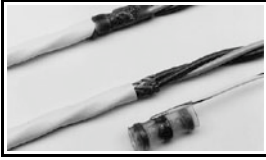


CWT-7 Product Details

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CWT-7

TE Internal Number:
678853-000

 Active

Shield Terminators

Not EU RoHS or ELV Compliant

Product Highlights:

- Shield Terminator
- Terminator Type = Solder Sleeve
- Fluid Resistance = Splash Protection
- Cable Temperature Rating = 85 °C
- Jacket Outer Diameter = 7.00 mm

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [SolderSleeve Shield Terminator](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Shield Terminator

Dimensions:

- Length (Max.) (mm [in]) = 32.50 [1.280]
- Inside Diameter (mm [in]) = 6.80 [0.270]

Body Features:

- Terminator Type = Solder Sleeve
- [Jacket Outer Diameter \(mm \[in\]\)](#) = 7.00 [0.275]

Housing Features:

- [Shield O.D. \(Min.\) \(mm \[in\]\)](#) = 3.70 [0.145]

Configuration Features:

- [Preinstalled Lead](#) = Without
- Temperature Indication System = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- MIL or NAS Specification (MIL-S-83519) (NAS 1747) = No

Environmental:

- Fluid Resistance = Splash Protection
- Operating Temperature (Max.) (°C) = 125

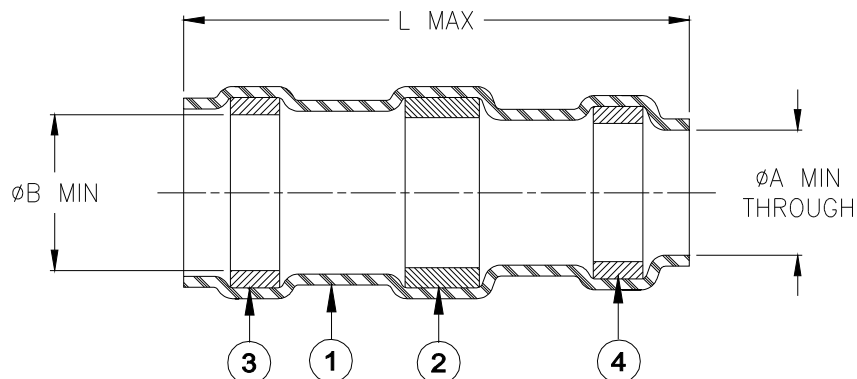
Conditions for Usage:

- [Cable Temperature Rating \(°C\)](#) = 85

Other:

- Brand = Raychem

SPECIFICATION CONTROL DRAWING



Product Revisions		Product Dimensions			Prepared Cable Dimensions					
Product Name		ØA min	ØB min	L max	ØD max	ØE min	ØF min	ØG max	H	J
CWT-3	D	2.50 [0.098]	3.00 [0.118]	24.5 [0.965]	3.00 [0.118]	1.50 [0.060]	1.00 [0.040]	2.50 [0.098]	6.0 ±0.5 [0.236±0.020]	7.0 ±0.5 [0.726±0.020]
CWT-5	F	4.30 [0.170]	4.80 [0.189]	29.3 [1.154]	4.80 [0.189]	2.00 [0.079]	1.50 [0.059]	4.30 [0.170]	8.0 ±0.5 [0.315±0.020]	9.0 ±0.5 [0.354±0.020]
CWT-6	A	6.00 [0.236]	6.70 [0.264]	32.00 [1.260]	6.70 [0.264]	3.30 [0.130]	2.80 [0.110]	6.00 [0.236]	9.0 ±0.5 [0.354±0.020]	10.0 ±0.5 [0.394±0.020]
CWT-7	F	6.80 [0.268]	7.30 [0.287]	32.50 [1.280]	7.30 [0.287]	3.30 [0.130]	2.80 [0.110]	6.80 [0.268]	10.0 ±1.0 [0.394±0.040]	11.0 ±1.0 [0.433±0.040]
CWT-9	A	8.70 [0.343]	9.20 [0.362]	35.50 [1.398]	9.20 [0.362]	4.50 [0.177]	4.00 [0.157]	8.70 [0.343]	11.0 ±1.0 [0.433±0.040]	12.0 ±1.0 [0.472±0.040]
CWT-11	E	10.80 [0.425]	11.50 [0.453]	35.50 [1.398]	11.50 [0.453]	4.50 [0.177]	4.00 [0.157]	10.80 [0.425]	12.0 ±1.0 [0.472±0.040]	13.0 ±1.0 [0.512±0.040]
CWT-13	A	13.00 [0.512]	15.10 [0.594]	45.50 [1.791]	15.10 [0.594]	7.00 [0.276]	6.50 [0.256]	13.00 [0.512]	16.0 ±1.0 [0.630±0.040]	17.0 ±1.0 [0.670±0.040]

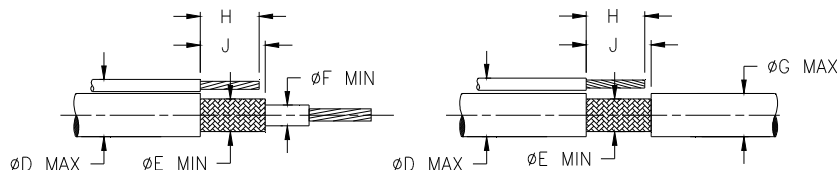
MATERIALS



- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyolefin. Color: transparent clear.
- 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. Color: blue (size 3, 5, 6, 7, 9, 11); natural (size 13)
- MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue (size 3, 5, 7, 11); gray (size 6); natural (size 9, 13)

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, it will meet the requirements of TE Connectivity / Raychem Specification RT-1404.
- For installation procedure and application equipment consult TE Connectivity / Raychem document RPIP-824-00.

For best results, prepare the cable as shown:



		TE Connectivity 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.				TITLE: Soldersleeve Shield Terminator				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: CWT-XX				
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		PROD. REV.: See Table		DOC. ISSUE: 4	DATE: 15-Apr-11	
PREPARED BY: mforonda		CAGE CODE : 06090		REPLACES: D020508		DCR NUMBER: D040057		SCALE: ---	SIZE: A	SHEET: 1 of 1

Print Date: 9-May-11

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