URHT
Ultra-high Ratio Heat-Shrink Tubing

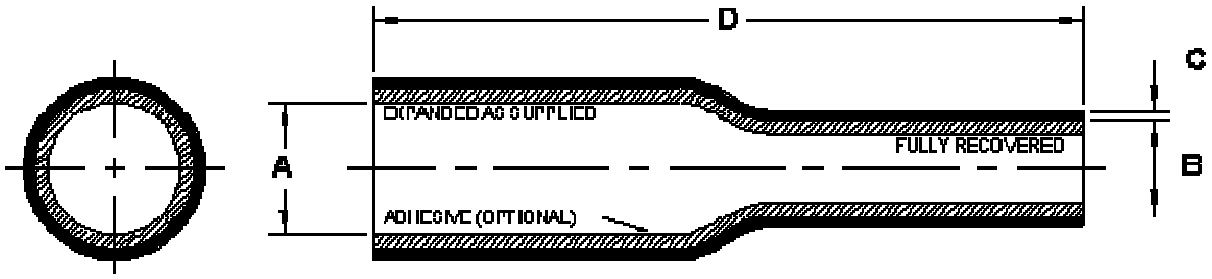


Table 1: Dimensions, inch *(mm)*

PART DESCRIPTION (See Adhesive)	(A) Min. Exp. ID	(B) Max. Rec'd. ID	(C) Ref. Rec'd. Wall Thickness	Unrestricted Full Recovered Length (D) ± .25 *(6)*
URHT-200	2.00 *(51)*	0.23 *(6)*	0.14 *(3.5)*	3, 4, 6, 10 *(76, 102, 152, 254)*
URHT-300	3.00 *(76)*	0.34 *(9)*	0.14 *(3.5)*	3, 4, 6, 10 *(76, 102, 152, 254)*

Material: Flame retarded, black, cross linked polyolefin.

Adhesive (optional): Factory hot melt adhesive may be applied. Specify adhesive type number /42 (e.g. URHT-200/4/42-0).

Customer Drawing

Tyco Electronics	Tyco Electronics Corporation 305 Constitution Drive Menlo Park, CA 94025 USA	**Raychem Tubing**	**Title:** **URHT** **Ultra-High Ratio Heat-Shrink Tubing**			
Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.			Document No. **URHT-X**			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE SHOWN IN BRACKETS.			Rev: E	Rev. Date: November 13, 2007		
DRAWN BY: *U.NGUYEN*	CAGE CODE: 06090	Org. Date: 01/09/02	File name: URHT-X.doc	SCALE: None	SIZE: A	SHEET: 1 of 2

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Table 2: Properties

	Property	Performance	Test Method
Physical	Tensile Strength	1200 psi (8.3 Mpa) minimum	ASTM D-412
	Ultimate Elongation	250% minimum	ASTM D-412
	Specific Gravity	1.4 maximum	ASTM D-792
	Water Absorption	0.5% maximum	ASTM D-570 A
	Hardness	35 ± 5 Shore D	ASTM D-2240
	Flammability	Pass	ASTM D-635
	Corrosion Resistance	Pass	MIL-I-81765
	Low Temperature Flexibility 4 hours at –67 ± 2°F (-55 ± 1°C)	Pass	MIL-I-81765
	Heat Resistance 168 hours at 347 ± 2°F (175 ± 1°C)	Ultimate elongation, 200% minimum Tensile strength, 1000 psi (6.9 Mpa) minimum	MIL-I-81765
	Heat Shock 4 hours at 437 ± 5°F (225 ± 2°C)	No cracking, dripping or flowing	MIL-I-81765
Elastic Memory		275% minimum expansion to 4 inch (10 cm) of a fully recovered test specimen and 93% recovery of expanded specimen after oven conditioning for 1 minute at 302 ± 4°F (150 ± 2°C)	
Electrical	Dielectric Strength	200 v/mil (7880 v/mm) minimum	ASTM D-149
	Volume Resistivity	10^{12} ohm-cm minimum	ASTM D-257
Chemical Fluid Resistance		Ultimate elongation, 200% minimum Tensile strength, 750 psi (5.2 Mpa) minimum	MIL-I-81765
Operating Temperature		-131 to + 275°F (-55 to +135° C) without adhesive	

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Global Electronic Components Distributor

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TE Connectivity:

1903112-2 3-1447221-5 MPT100C18RF 354022KFT ROX05SJ18R T4133012081-000 1-962915-1 2380312-2 CPF0402B37K4E1 RH73H2A40MKTN 2-521104-2 292206-2 TE50BR39J U5254-000005-030PA 2098557-4 917688-1 HSHC4508K2J 175977-2 2005330-1 HT-CT-50M-1-OUT-0 SBCHE154R7K SBCHE64R7K SMV1W220KJT 1393454-9 1897725-2 2-520263-2 2310537-1 282680-1 3631B101LL 170376-2