shrinkHOoP
Cable Clamp Heat Shrink Grommet Sizes 2, 3 and 4

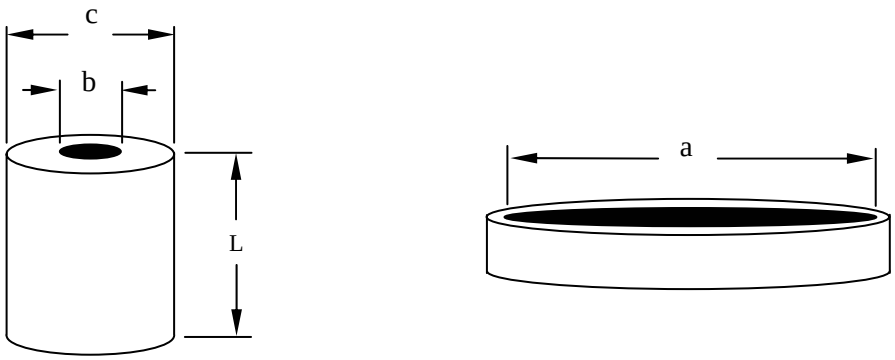


Table of Dimensions, inch (mm):

Part Description	Inside Diameter		Outside Diameter Recovered (c), Ref	Overall Length Recovered L, Ref (See Note*)
	Min. Exp. (a)	Max. Rec'd (b)		
URHR-2	1.23 (*31*)	0.10 (*2.5*)	0.375 (*9.5*)	0.50 (*13*)
URHR-3	1.44 (*37*)	0.14 (*3.5*)	0.500 (*12.7*)	0.50 (*13*)
URHR-4	1.85 (*47*)	0.18 (*4.6*)	0.562 (*14.2*)	0.75 (*19*)

Note*: Alternate lengths available upon request.

Material: heat shrinkable, cross linked polyolefin, meets MIL-I-81765/1 Type II with Shore Hardness value 35+/- 5.

Color: Black

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Specification Control Drawing

tyco Electronics	Tyco Electronics Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	Raychem	**Title:** ***shrinkHOoP*** **–Cable Clamp Heat Shrink Grommet Sizes 2, 3 and 4**
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. **URHR-2-thru-4**
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. METRIC DIMENSIONS ARE SHOWN IN BRACKETS			Rev.: F / Rev. Date: December 9, 2004

DRAWN BY:	CAGE CODE:	Org. Date:	File name:	SCALE:	SIZE:	SHEET:
U.NGUYEN	06090	10/03/2001	R040891	None	A	1 of 2

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Table 2: Properties

	Property	Requirements	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
	Hardness, Shore D	35 ± 5	ASTM D-2240
	Flammability	Pass Pass	ASTM D-635 FAR-25
	Corrosion resistance	Pass	MIL-I-81765
	Low temperature flex 4 hours at –67 ± 2°F (-55 ± 1°C)	Pass	MIL-I-81765
	Heat resistance 168 hours at 347 ± 2°F (175 ± 1°C)	200% ultimate elongation, minimum 1000 psi (6.9 Mpa) tensile strength, 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 condition 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		200% ultimate elongation, minimum 750 psi (5.2 Mpa) tensile strength, minimum	MIL-I-81765

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