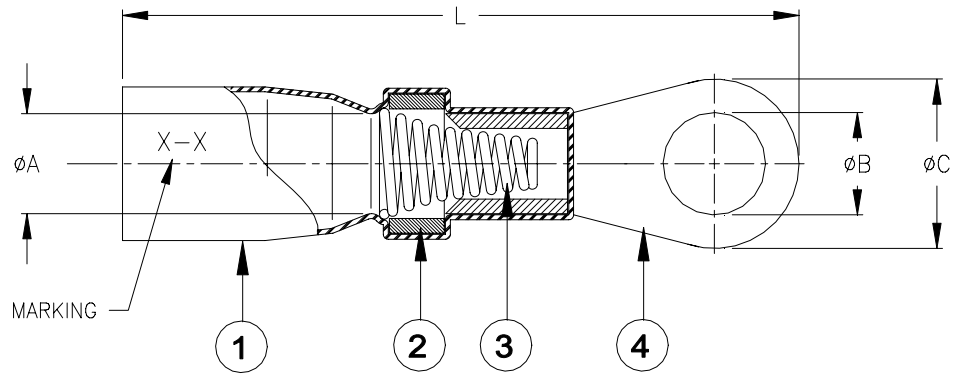


SPECIFICATION CONTROL DRAWING



Product Revision		Marking*	Product Dimensions				Conductor Cross Section		Bundle	Current Rating
Product Name			ϕA	ϕB nom	ϕC nom	$L \pm 3.5$ [$L \pm 0.140$]	Min. mm^2 [CMA]	Max. mm^2 [CMA]	ϕD max	
SGRT-1-01-TL	A	1-2	3.0 ± 0.3 [0.118 ± 0.012]	2.36 [0.093]	4.57 [0.180]	35.0 [1.380]	0.7 [1400]	2.5 [5000]	4.1 [0.161]	15A
SGRT-1-02-TL	A	1-4		3.02 [0.119]	6.35 [0.250]	35.0 [1.380]				
SGRT-2-03-TL	A	2-6	3.9 ± 0.3 [0.155 ± 0.012]	3.68 [0.145]	7.14 [0.281]	37.0 [1.455]	1.2 [2400]	3.0 [6000]	5.0 [0.195]	15A
SGRT-2-04-TL	A	2-8		4.34 [0.171]	7.92 [0.312]	37.0 [1.455]				

* Marking color: black. See marking code below.

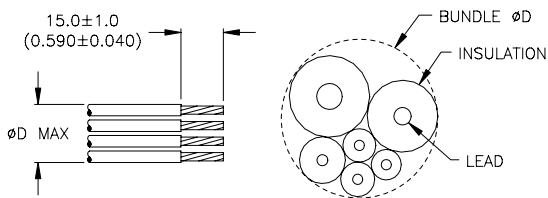
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn60 per ANSI/J-STD-006.
FLUX: TYPE ROM1 per ANSI/J-STD-004.
- OPEN CONICAL COIL: Tin-plated copper alloy.
- RING TERMINAL: Tin-Lead plated copper alloy.

APPLICATION

- These controlled soldering devices are designed to terminate tin-plated copper stranded wires having an insulation rated for 85°C minimum, to a ring terminal.
- Temperature range: -55°C to +150°C.
- See RPIP-820-01 for installation procedure.

For best results, prepare the cable as shown:



Marking Code:

X - X

Stud Size

2 = #2

4 = #4

6 = #6

8 = #8

Product Size: 1 to 2

tyco Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		TITLE: SOLDERGRIP RING TERMINAL, TIN/LEAD PLATED TERMINAL					
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.:					
						SGRT-X-XX-TL					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Electronics 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: 1		DATE: 3-Mar-05	
PREPARED BY: mforonda		DCR NUMBER: D050052		REPLACES: ---		CAGE CODE: 06090		SCALE: ---		SIZE: A	
								SHEET: 1 of 1			

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