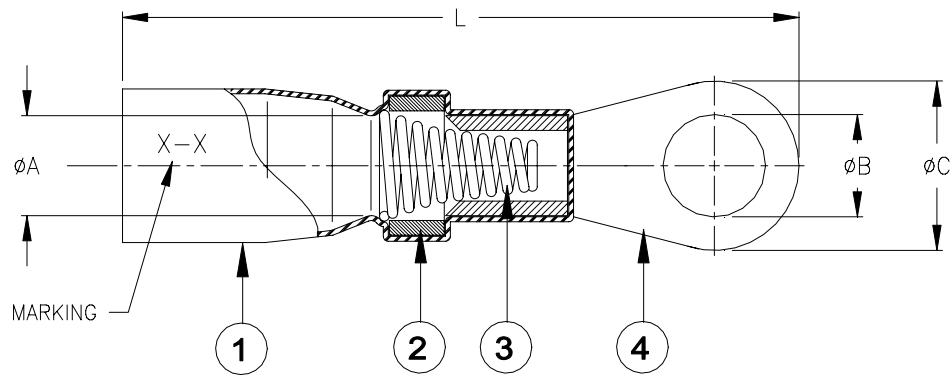


SPECIFICATION CONTROL DRAWING



Product Revision		Marking*	Product Dimensions				Conductor Cross Section		Bundle	Current Rating
Product Name			øA	øB nom	øC nom	L±3.5 [L±0.140]	Min. mm ² [CMA]	Max. mm ² [CMA]	øD 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.

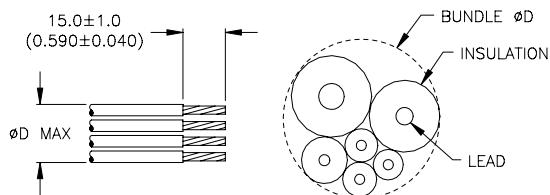
MATERIALS

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

APPLICATION

1. 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.
2. Temperature range: -55°C to +150°C.
3. 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.		Raychem		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	
PREPARED BY: mforonda		DCR NUMBER: D050052		REPLACES: ---		CAGE CODE : 06090		SCALE: ---		SIZE: A		SHEET: 1 of 1	

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