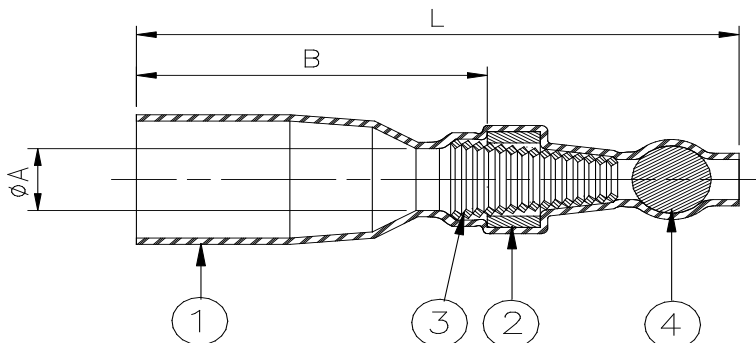


CUSTOMER DRAWING



| Product Revision | | Ball Color | Product Dimensions | | | Copper Cross Section | | Bundle ϕ | |
|------------------|---|------------|--------------------------------|---------------------------------------|-------------------------------------|-------------------------------|-------------------------------|-----------------|-----------------------------|
| Product Name | | | L \pm 3.5 (L \pm 0.140) | ϕ A | B | Min. mm ² (CMA) | Max. mm ² (CMA) | ϕ D max | M \pm 1 (M \pm 0.04) |
| SGRP-1 | C | Green | 38.3 (1.510) | 3.1 \pm 0.2 (0.125 \pm 0.008) | 26.0 \pm 2 (1.025 \pm 0.079) | 0.7 (1400) | 2.4 (4800) | 4.0 (0.160) | 15 (0.590) |
| SGRP-2 | C | Red | 37.7 (1.485) | 3.9 \pm 0.2 (0.155 \pm 0.008) | 23.5 \pm 2 (0.925 \pm 0.079) | 2.0 (4000) | 4.0(8000) | 6.0 (0.235) | 15 (0.590) |
| SGRP-3 | D | Blue | 44.5 (1.750) | 5.35 \pm 0.3 (0.210 \pm 0.012) | 25.5 \pm 3 (1.00 \pm 0.118) | 3.5 (7000) | 9.0(18000) | 8.5 (0.335) | 15 (0.590) |
| SGRP-4 | D | Yellow | 45.5 (1.790) | 7.15 \pm 0.3 (0.280 \pm 0.012) | 25.0 \pm 3 (0.985 \pm 0.118) | 7.5 (15000) | 15.0(3000) | 10.5 (0.410) | 15 (0.590) |

These products are tested to RB109.

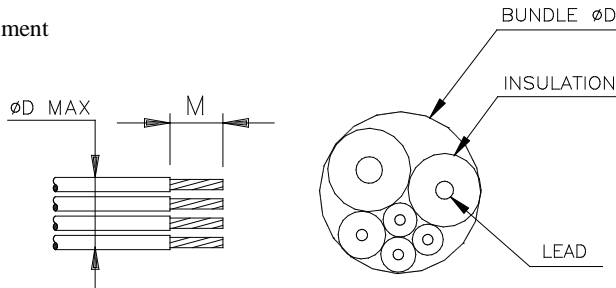
MATERIALS

- 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.
- CONICAL SPRING: Square copper wire.
- END CLOSURE BALL: Tinted glass. Color: see table.


APPLICATION

- These controlled soldering devices are designed stub splicing of stranded wires with bare copper conductor having an insulation rated for 85°C minimum.
- Temperature range: class 3A, -40°C to +125°C.
Vibration range: class 1 (body).
Seal range: class 0 (seal porous or no seal).
- For installation procedure and application equipment consult, RPIP-820-00.

For best results, prepare the cable as shown:



* A trademark of TE Connectivity

| | | | | | | | |
|--|---|---|-------------------------------------|---------------------------------|---|-------------------------|-------------------------|
|  | | | Raychem DEVICES | | TITLE: SOLDERGRIP* STUB SPLICE | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS. | | | | | DOCUMENT NO.: SGRP-X | | |
| 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. | | | DATE: 24-Mar-16 | DOC ISSUE: F1 | |
| DRAWN BY: M. FORONDA | CAGE CODE: 06090 | REPLACES: D981339 | DCR NUMBER: ECO-16-004598 | PROD. REV.: SEE TABLE | SCALE: None | SIZE: A | SHEET: 1 of 1 |

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