

SGRT-2-03 to SGRT-4-08, SolderGrip self-fixturing insulated terminals

Transparent insulation sleeves that provides encapsulation, inspectability, strain relief and insulation. The spiral copper coil grips and compresses the conductors for optimum solder connection. The prefluxed solder preform provides a controlled soldering process. These SolderGrip accommodates a wide variety of conductor types, quantities, sizes and plating types unmatched by any other termination technique.

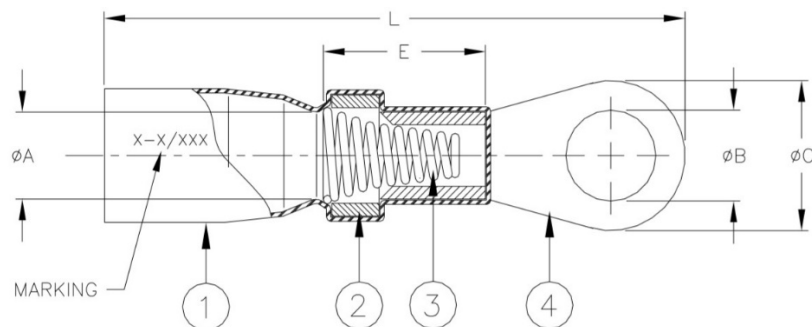
Meets the performance requirements of MIL-T-7928G



Temperature

Temperature range

-55°C to +150°C



- 1: Heat shrink tube, transparent blue, cross-linked polyvinylidene fluoride (PVDF)
- 2: 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-plated copper alloy

Dimensions in mm

| Part Number | Product Dimensions | | | | | Wire Dimensions | | Bundle | Current rating |
|-------------|--------------------|----------|----------|-----------|--------|----------------------|----------------------|----------|----------------|
| | Ø A | Ø B nom. | Ø C nom. | L +/- 3.5 | E max. | Min. mm ² | Max. mm ² | Ø D max. | |
| SGRT-2-03 | 3.9 +/-0.3 | 3.8 | 7.3 | 37.0 | 12.8 | 1.2 | 3.0 | 5.0 | 15A |
| SGRT-2-04 | 3.9 +/-0.3 | 4.3 | 8.0 | 37.0 | 12.8 | 1.2 | 3.0 | 5.0 | 15A |
| SGRT-2-05 | 3.9 +/-0.3 | 5.5 | 10.0 | 39.0 | 12.8 | 1.2 | 3.0 | 5.0 | 15A |
| SGRT-2-06 | 3.9 +/-0.3 | 6.5 | 11.0 | 40.5 | 12.8 | 1.2 | 3.0 | 5.0 | 15A |
| SGRT-2-08 | 3.9 +/-0.3 | 8.4 | 14.0 | 45.0 | 12.8 | 1.2 | 3.0 | 5.0 | 15A |
| SGRT-3-06 | 5.6 +/-0.5 | 6.5 | 11.0 | 47.2 | 14.0 | 2.5 | 6.6 | 6.5 | 33A |
| SGRT-3-08 | 5.6 +/-0.5 | 8.4 | 14.0 | 51.7 | 14.0 | 2.5 | 6.6 | 6.5 | 33A |
| SGRT-4-06 | 8.2 +/-0.5 | 6.5 | 11.0 | 47.4 | 16.0 | 6.0 | 11.2 | 9.0 | 56A |
| SGRT-4-08 | 8.2 +/-0.5 | 8.4 | 14.0 | 50.9 | 16.0 | 6.0 | 11.2 | 9.0 | 56A |