

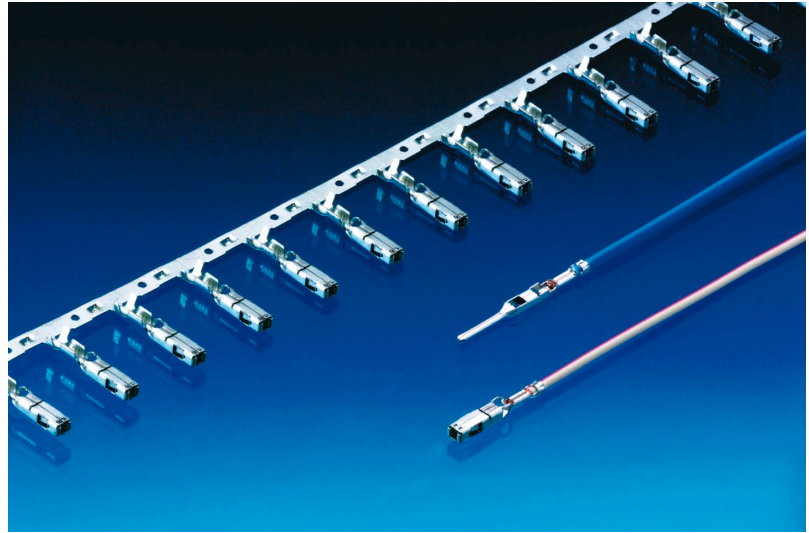
Sicma-3



1.5 mm female and male terminals

Features

- Sicma-3 technology
- One-piece construction
- 3.33 mm pitch
- High current carrying capacity
- Low contact mating force
- Compatible with a large range of connector sealing technologies (single wire sealing, mat-seal)
- Available in class 85°C and 125°C
- Suitable for secondary lock
- Selective gold-plated versions available



Performance characteristics

- Contact resistance:
 - < 2 mΩ for CuFe terminals
 - < 3 mΩ for CuZn terminals
- Contact mating force:
 - < 4 N for CuFe terminals
 - < 4 N for CuZn terminals
- Contact unmating force:
 - < 3 N for CuFe terminals
 - < 3 N for CuZn terminals
- Current carrying capacity
 - at 23°C up to approx.:
 - 19 A for CuFe/CuSn terminals
 - 15 A for CuZn/CuSn terminals
 - at 85°C up to approx.:
 - 13 A for CuFe/CuSn terminals
 - 3.5 A for CuZn/CuSn terminals
 - at 100°C up to approx.:
 - 10 A for CuFe/CuSn terminals
 - at 125°C up to approx.:
 - 4 A for CuFe/CuSn terminals

Packing

- No. of terminals per reel: Consult us
- No. of reels per packing: Consult us

Tooling

- Manual crimping tool: Consult us
- Mini applicator: Consult us

| Part Numbers | Type | Wire size range (in mm ²) | | Insulation Ø (in mm) | Material | Plating |
|--------------------|--------|--|------|-------------------------|----------|------------|
| | | Min. | Max. | Max. | | |
| 211 CC2S1150 | Female | 0.35 | 0.75 | 1.80 | CuZn | Sn |
| 211 CC2S2150 | Female | 1.00 | 2.00 | 2.60 | CuZn | Sn |
| 211 CC2S1160 | Female | 0.35 | 0.75 | 1.80 | CuFe | Sn |
| 211 CC2S2160 | Female | 1.00 | 2.00 | 2.60 | CuFe | Sn |
| 211 CC2S1161 (SWS) | Female | 0.35 | 0.75 | 1.80 | CuFe | Sn |
| 211 CC2S2161 (SWS) | Female | 1.00 | 2.00 | 2.60 | CuFe | Sn |
| 211 CC2S1460 | Female | 0.35 | 0.75 | 1.80 | CuFe | Au 1.27 µm |
| 211 CC2S2460 | Female | 1.00 | 2.00 | 2.60 | CuFe | Au 1.27 µm |
| 211 CL2S1160 | Male | 0.35 | 0.75 | 1.80 | CuSn | Sn |
| 211 CL2S2160 | Male | 1.00 | 2.00 | 2.60 | CuSn | Sn |
| 211 CL2S1161 (SWS) | Male | 0.35 | 0.75 | 1.80 | CuSn | Sn |
| 211 CL2S2161 (SWS) | Male | 1.00 | 2.00 | 2.60 | CuSn | Sn |
| 211 CL2S1460 | Male | 0.35 | 0.75 | 1.80 | CuSn | Au 1.27 µm |
| 211 CL2S2460 | Male | 1.00 | 2.00 | 2.60 | CuSn | Au 1.27 µm |

SWS: Single Wire Seal

