M 0220420

SCHEDA TECNICA

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

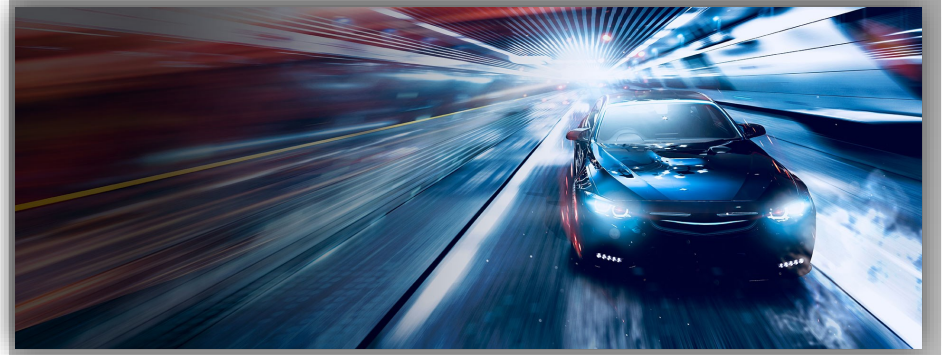
Packing

- 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 mm2) Min.	Max.	Insulation Ø (in mm) Max.	Material	Plating
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



mes connettori
componenti per il cablaggio

Male terminals