

Receptacle Contacts

Technical Features

Contact Material:
CuNiSi
Top Spring: Stainless Steel

Contact Finish:
Tin plated

Wire Size Range:
0.2–0.5 mm², 0.5–1.0 mm²,
>1.0–2.5 mm², >2.5–4.0 mm²,
>4.0–6.0 mm²

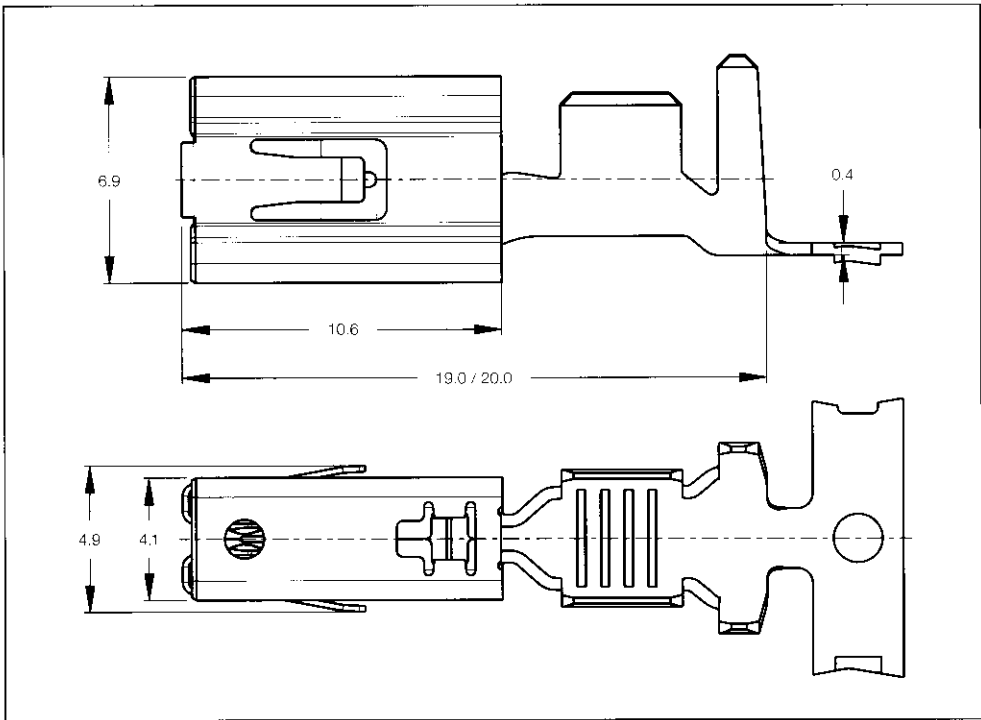
Current Carrying Capacity:
up to 40 Ampere
(at 20 °C ambient temperature)

Temperature Range:
–40 °C ... +130 °C (tin plated)

**Modular Dimensions
(Centerline):**
0.2–6.0 mm² SRC:
– 6.0 x 8.0 mm
0.2–4.0 mm² SWS:
– 9.0 x 9.0 mm
– 8.0 x 9.0 mm (Staggered)

Dimension of Male Contacts:
4.8 ±0.1 x 0.8 ±0.03 mm
5.8 ±0.1 x 0.8 ±0.03 mm
6.3 ±0.1 x 0.8 ±0.03 mm

Contact Resistance:
New State ≤2 mΩ



Mating Cycles:
up to 10 cycles (tin plated)

Mating Force:
max. 16N

Unmating Force:
max. 11N

Extraction Tool:
Part No. **539970-1**

Product Group Drawing:
1241438

Product Specification:
108-18718

Application Specification:
114-18388

Standard Receptacle Contacts (SRC)

Wire Size Range (mm ²)	Insulation Diameter		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK (mm)	FLR (mm)		Strip Form	Packaging Unit	Loose-Piece	Packaging Unit	Applicator	
0.2–0.5	–	1.1–1.6	-1	1241400	1,800	1241401	500	x-878712-x	539953-2
0.5–1.0	–	1.4–2.1	-1	1241402	1,800	1241403	500	x-878713-x	
>1.0–2.5	–	2.2–3.0	-1	1241404	2,000	1241405	500	x-878714-x	
>2.5–4.0	3.3–4.5	–	-1	1241406	2,000	1241407	500	x-878711-x	539954-2
>4.0–6.0	–	3.4–4.3	-1	1241408	1,800	1241409	500	x-541735-x	

Receptacle Contacts Single Wire Sealing System (SWS) – Use Seals from Page 84

Wire Size Range (mm ²)	Insulation Diameter		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK (mm)	FLR (mm)		Strip Form	Packaging Unit	Loose-Piece	Packaging Unit	Applicator	
0.2–0.5	1.3–2.3	1.1–1.6	-1	1241410	1,500	1241411	500	x-541706-x	539955-2
0.5–1.0	2.0–2.7	1.4–2.1	-1	1241412	1,500	1241413	500	x-541566-x	
>1.0–2.5	2.7–3.7	2.2–3.0	-1	1241414	1,500	1241415	500	x-541567-x	539956-2
>2.5–4.0	4.1–4.5	3.4–3.7	-1	1241416	1,500	1241417	500	x-541568-x	

* **Material and Finish:**
xxx-1 = CuNiSi, pre-tin plated