

Receptacle Contacts

Technical Features

Contact Material:

CuNiSi
Top Spring: Stainless Steel

Contact Finish:

Tin plated, selective silver 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:

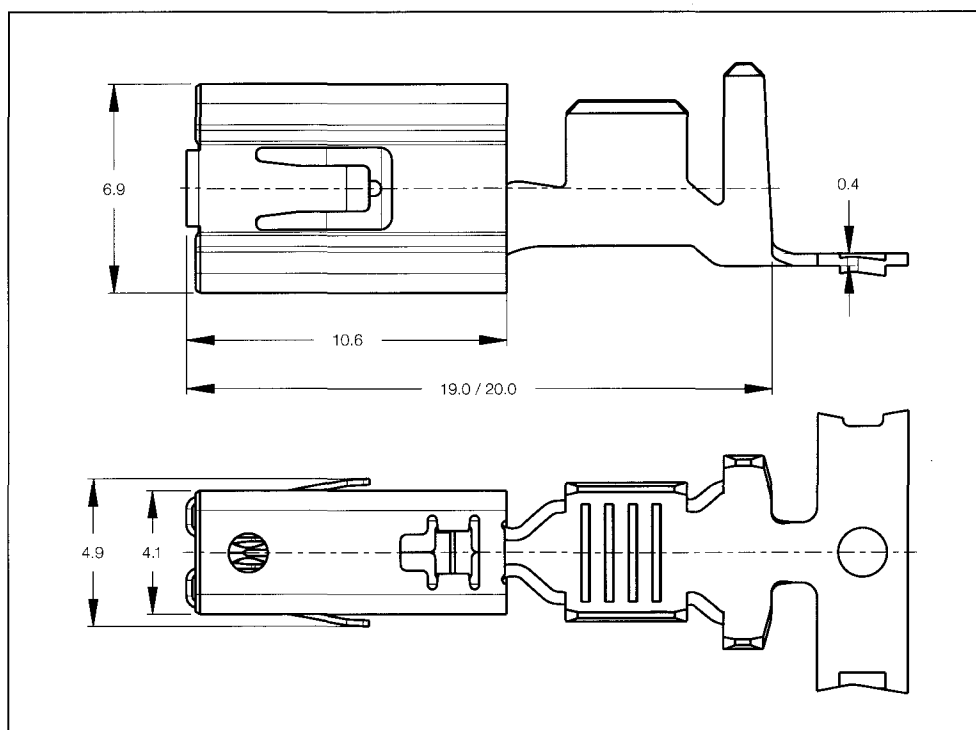
4.8 ±0.1 x 0.8 ±0.03 mm

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. 16 N

Unmating Force:

max. 11 N

Extraction Tool:

Part No. **1-1579007-3**

Product Group Drawing:

1241438

Product Specification:

108-18718

Application Specification:

114-18388

Standard Receptacle Contacts (SRC)

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator *	
0.2–0.5	–	1.1–1.6	-1	1241400	1,800	1241401	500	x-1530002-x	539953-2
0.5–1.0	–	1.4–2.1	-1 / -3	1241402	1,800	1241403	500	x-1528206-x	
>1.0–2.5	–	2.2–3.0	-1 / -3	1241404	2,000	1241405	500	x-1528095-x	
>2.5–4.0	3.3–4.5	–	-1 / -3	1241406	2,000	1241407	500	x-1528298-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)

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish *	Part Numbers					Hand Tool 539635-1 with Die Set
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator *	
0.2–0.5	1.3–2.3	1.1–1.6	-1	1241410	1,500	1241411	500	x-1528513-x	539955-2
0.5–1.0	2.0–2.7	1.4–2.1	-1	1241412	1,500	1241413	500	x-1528342-x	
>1.0–2.5	2.7–3.7	2.2–3.0	-1	1241414	1,500	1241415	500	x-1528231-x	539956-2
>2.5–4.0	4.1–4.5	3.4–3.7	-1	1241416	1,500	1241417	500	x-1530003-x	
>4.0–6.0	–	4.0–4.3	-1	1241418	1,500	1241419	500	x-1528947-x	3-1579021-7

* Material and Finish:

xxx-1 = CuNiSi, pre-tin plated
xxx-3 = CuNiSi, selective silver plated

♦) The pre- and suffix for the applicators depends on the applied termination equipment.