

Receptacle Contacts

Technical Features

Contact Material:

CuNiSi
Top Spring: Stainless Steel

Contact Finish:

Tin plated, selective silver plated,
selective gold plated

Wire Size Range:

0.20–0.35 mm², 0.5–1.0 mm²,
>1.0–2.5 mm² (FLR Cable)

Current Carrying Capacity:

up to 34 Ampere
(at 20 °C ambient temperature)

Temperature Range:

–40 °C ... +130 °C (tin plated)
–40 °C ... +140 °C (silver plated)
–40 °C ... +150 °C (gold plated)

Modular Dimensions (Centerline):

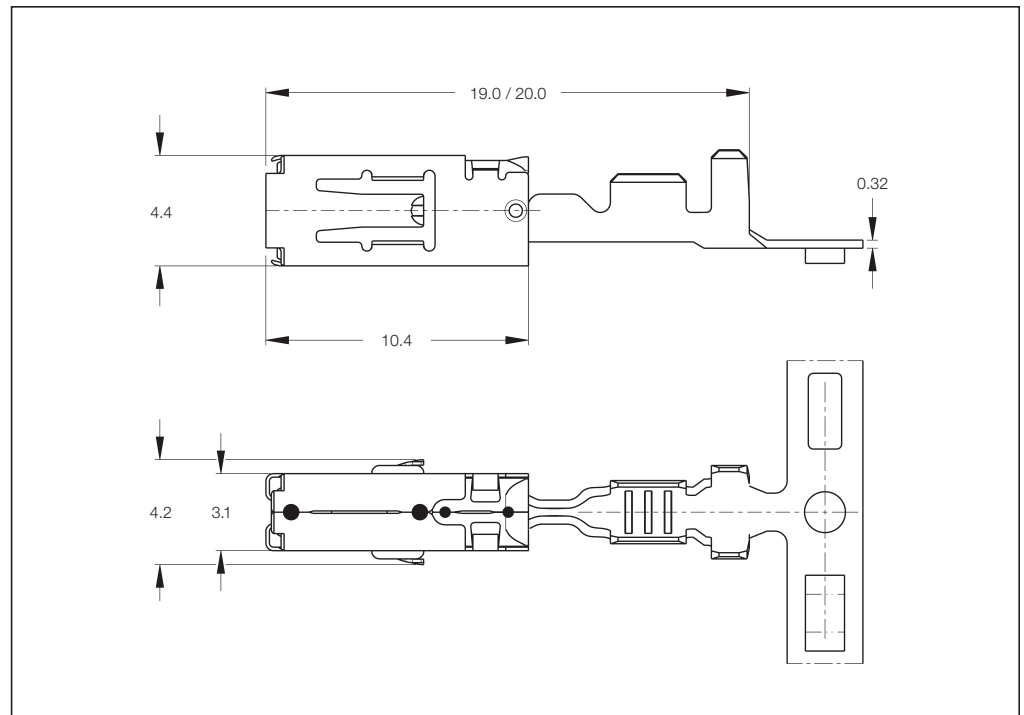
0.35–2.5 mm² SRC:
– 5.0 x 5.5 mm
– 5.0 x 5.0 mm (Staggered)

0.35–2.5 mm² SWS:
– 6.0 x 6.0 mm
– 5.0 x 5.5 mm (Staggered)

Mating Cycles:•

up to 10 cycles (tin plated)
up to 50 cycles (silver plated)
up to 100 cycles (gold plated)

-) Mating Cycles are depending on various technical influences
and must be clarified in each individual case.



Contact Resistance:

New State ≤ 2 mΩ

Mating Force: Max. 10 N

Unmating Force: Max. 7 N

Dimension of Male Contacts:

2.8 ±0.1 x 0.8 ±0.03 mm
2.8 ±0.1 x 0.6 ±0.03 mm
3.0 ±0.1 x 0.8 ±0.03 mm
3.0 ±0.1 x 0.6 ±0.03 mm

Extraction Tool:

Part No. 1-1579007-2

Product Group Drawing:

1241437

Product Specification:

108-18717

Application Specification:

114-18387

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*	
0.20–0.35	–	1.1–1.4	-1 / -2	1241386	4,000	1241387	500	x-541690-x	539951-2
0.5–1.0	–	1.4–2.1	-1 / -2	1241388	3,500	1241389	500	x-878937-x	
>1.0–2.5	–	2.2–3.0	-1 / -2	1241390	3,500	1241391	500	x-878704-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*	
0.20–0.35	1.3–1.5	1.1–1.4	-1 / -2 / -3	1241392	3,500	1241393	500	x-541691-x	539952-2
0.5–1.0	2.0–2.7	1.4–2.1	-1 / -2 / -3	1241394	3,500	1241395	500	x-878953-x	
>1.0–2.5	2.2–3.0	2.2–3.0	-1 / -2 / -3	1241396	3,500	1241397	500	x-878954-x	

*) Material and Finish:

xxx-1 = CuNiSi, pre-tin plated
xxx-2 = CuNiSi, selective gold plated
xxx-3 = CuNiSi, selective silver plated

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