

Receptacle Contacts

Technical Features

Material:

Contact: CuNiSi
Tabs: CuSn4/CuFe2
Top Spring: Stainless Steel

Contact Finish:

tin plated,
selective gold plated

Wire Size Range:

0.35 mm²/0.5–1.0 mm²/
1.5–2.5 mm²
Single Wires (FLR)

Current Carrying Capacity:

up to 25 Ampere
(at 20 °C ambient temperature)

Temperature Range:

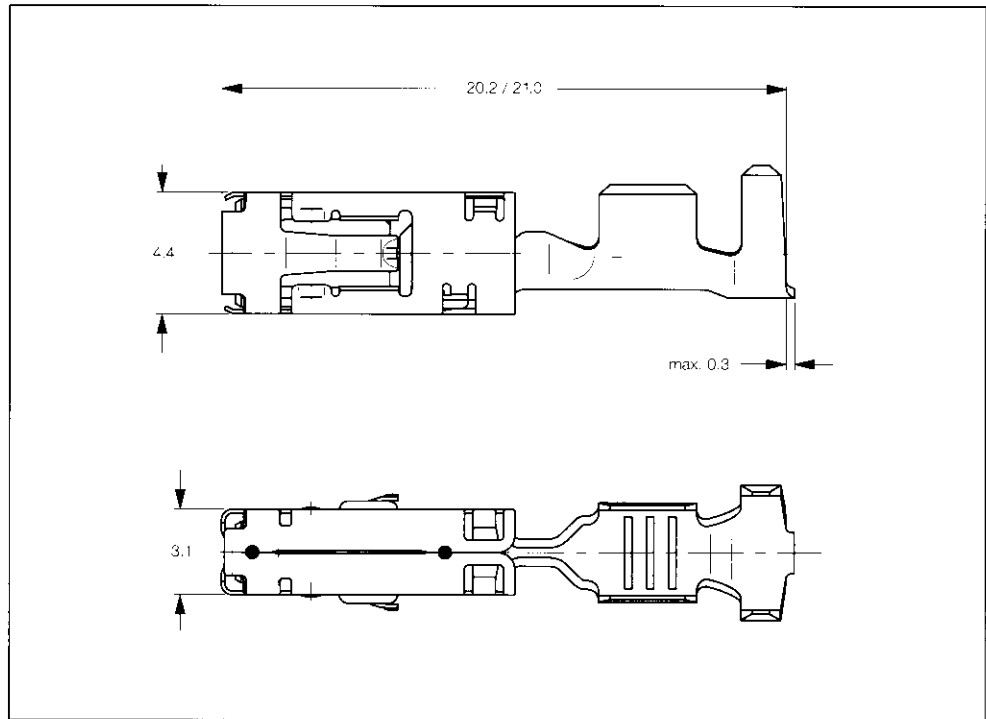
–40 °C to +130 °C (tin plated)
–40 °C to +150 °C (gold plated)

Mating Frequency:

up to 20 cycles (tin plated)
up to 100 cycles (gold plated)

Centerline:

5.0 x 5.5 mm Standard
5.0 x 5.0 mm Staggered



Contact Resistance:
New State ≤2.0 mΩ

Unmating Force:
2 to 10 N

Product Specification:
108-18509

Mating Force:
3 to 10 N

Extraction Tool:
Part No. 929037-1

Application Specification:
114-18144

Standard Receptacle Contacts

Wire Size Range (mm ²)	Insulation Diameter		Material and Finish*	Part Numbers					
	FLK (mm)	FLR (mm)		Strip Form	Packaging Unit	Loose-Piece	Packaging Unit	Applicator	Hand Tool 539635-1 with Die Set
0.35	–	1.2–1.4	-1 / -2	967701	3,500	967712	500	2-541562-2	539721-2
0.5–1.0	–	1.4–2.1	-1	967702	4,000	967713	500	2-541535-2	539722-2
1.5–2.5	–	2.2–3.0	-1 / -2	967703	4,000	967714	500	2-541536-2	539723-2

Single Wire Sealing System

Wire Size Range (mm ²)	Insulation Diameter		Material and Finish*	Part Numbers					
	FLK (mm)	FLR (mm)		Strip Form	Packaging Unit	Loose-Piece	Packaging Unit	Applicator	Hand Tool 539635-1 with Die Set
0.35	–	1.2–1.4	-1	967541	3,500	967715	500	2-541563-2	539725-2
0.5–1.0	–	1.4–2.1	-1 / -2	967542	4,000	967716	500	878973-2	539726-2
1.5–2.5	–	2.2–3.0	-1 / -2	967543	4,000	967717	500	878974-2	539727-2

* **Material and Finish:**

xxx-1 = selective gold plated
xxx-2 = pre-tin plated