



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Sealed 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,
>1.0–1.5 mm² (FLR Cable)

Current Carrying Capacity:

up to 20 Ampere

(at 20 °C ambient temperature)

Temperature Range:

–40 °C ... +130 °C (tin plated)

–40 °C ... +140 °C (silver plated)

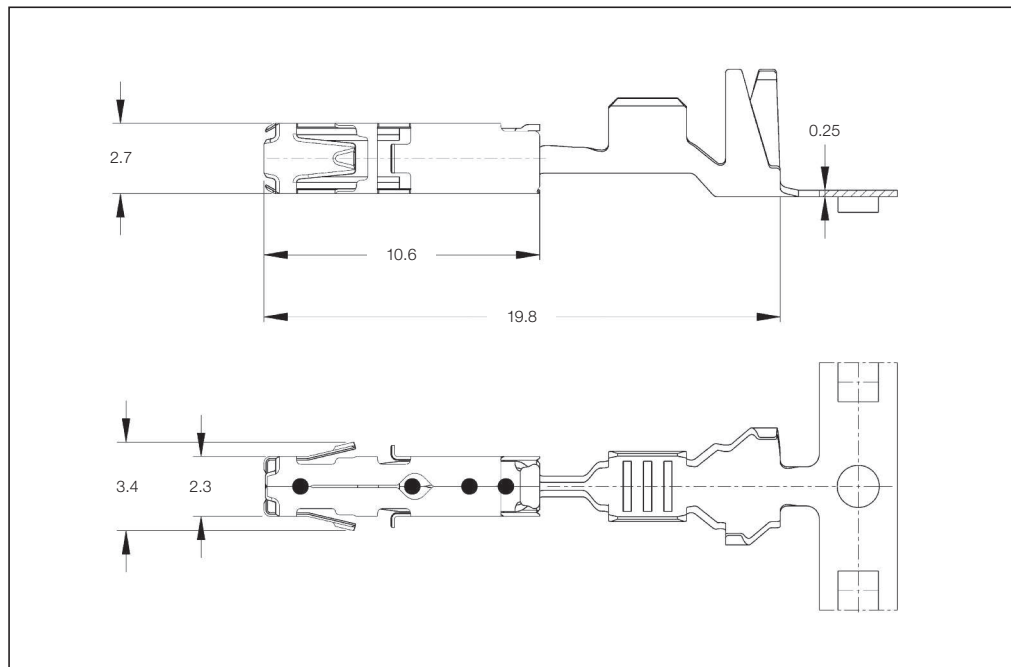
–40 °C ... +150 °C (gold plated)

Mating Cycles:●

up to 10 cycles (tin plated)

up to 50 cycles (silver plated)

up to 100 cycles (gold plated)



Contact Resistance:

New State ≤ 2 mΩ

Mating Force:

Max. 6 N

Unmating Force:

Max. 6 N

Dimension of Male Contacts:

1.5^{+0.2}_{-0.1} x 0.6^{+0.07}_{-0.03} mm

Extraction Tool:

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

Product Group Drawing:

1241436

Product Specification:

108-18716

Application Specification:

114-18386

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

Receptacle Contacts Single Wire Sealing System (SWS)

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish*	Part Numbers					Hand Tool Complete
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator*	
0.20–0.35	–	1.1–1.4	-1 / -2 / -3	1241378	4,500	1241379	500	x-1528122-x	2063524-1
0.5–1.0	–	1.4–2.1	-1 / -2 / -3 / 1-xxx-2	1241380	4,500	1241381	500	x-1528324-x	
>1.0–1.5	–	2.2–2.4	-1 / -3	1418884	4,500	1418885	500	x-1530008-x	–

***) Material and Finish:**

xxx-1 = CuNiSi, pre-tin plated

xxx-2 = CuNiSi, selective gold plated

xxx-3 = CuNiSi, selective silver plated

1-xxx-2 = CuNiSi, min. 1.27 µm selective gold plated

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

Note: All Part Numbers are RoHS and ELV compliant.