

Receptacle Contacts – Clean Body (CB)

Technical Features

Contact Material:

CuSn0.15
Insert Spring: CuNiSi

Contact Finish:

Tin plated, selective silver plated,
selective gold plated

Wire Size Range:

0.14–0.22 mm²,
0.25–0.35 mm²,
0.50–0.75 mm²,
1.0–1.5 mm²

Current Carrying Capacity:

up to 14 Ampere
(at 20 °C ambient temperature)

Temperature Range:

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

Contact Resistance:

New State ≤ 2 mΩ

Mating Cycles:

up to 20 cycles (tin-silver plated)
up to 50 cycles (silver plated)
up to 100 cycles (gold plated)

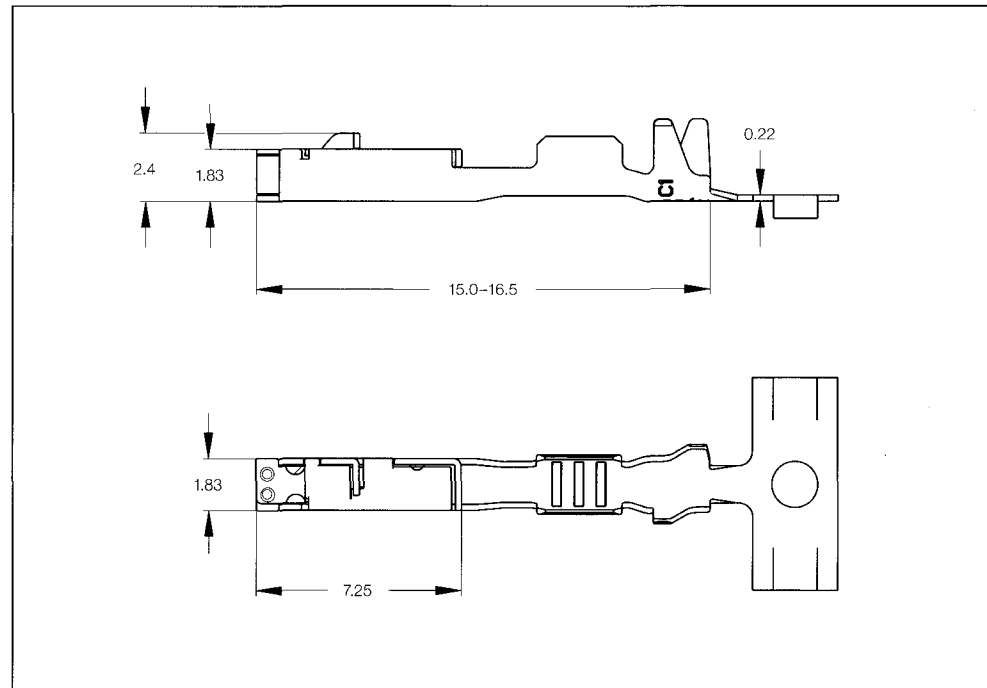
Dimension of

Male Contacts:

(1.2 ±0.1 x 0.6 ±0.03 mm)

Extraction Tool:

Part No. **1579007-8**



Mating Force:

Max. 5 N

Unmating Force:

Max. 2.5 N

Product Group Drawing:

1534326

Modular Dimensions (Centerline):

max. 0.75 mm ²	2.5 x 2.5 mm	
max. 1.0 mm ²	2.5 x 3.0 mm	sealed 4.0 x 4.0 mm
max. 1.0 mm ²		sealed staggered 3.5 x 4.0 mm
max. 1.5 mm ²	2.5 x 3.5 mm	sealed 4.5 x 4.5 mm
max. 1.5 mm ²		sealed staggered 4.0 x 4.5 mm

Product Specification:

108-18782

Application Specification:

114-18464

Standard Receptacle Contacts (SRC)

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish*	Part Numbers					
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator*	Hand Tool 539635-1 with Die Set
0.14–0.22	–	1.05–1.20	-1 / -2 / -3	1452500	10,000	1452501	500	x-1528146-x	3-1579001-6
0.25–0.35	–	1.10–1.75	-1 / -2 / -3	1534594	10,000	1534595	500	x-1528147-x	1579001-6
0.50–0.75	–	1.4–1.9	-1 / -2 / -3	1394897	8,000	1534063	500	x-1528148-x	1579001-5
1.0–1.5	–	1.9–2.4	-1 / -2 / -3	1452503	8,000	1452504	500	x-1528150-x	1-1579001-3

Receptacle Contacts Single Wire Sealing System (SWS)

Wire Size Range (mm ²)	Insulation Diameter (mm)		Material and Finish*	Part Numbers					
	FLK	FLR		Strip Form	Package Quantity	Loose-Piece	Package Quantity	Applicator*	Hand Tool 539635-1 with Die Set
0.14–0.22	–	1.05–1.20	-1 / -2 / -3	1418841	6,500	1418842	500	x-1528151-x	4-1579001-0
0.25–0.35	–	1.10–1.75	-1 / -2 / -3	1418844	6,500	1418845	500	x-1528152-x	3-1579001-9
0.50–0.75	–	1.4–1.9	-1 / -2 / -3	1418847	6,500	1418848	500	x-1528153-x	3-1579001-8
1.0–1.5	–	1.9–2.4	-1 / -2 / -3	1418850	6,500	1418851	500	x-1528154-x	3-1579001-7

***) 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.