

Receptacle Contacts

Technical Features

Contact Material:

CuSn, CuFe,
Cantilever Spring: Stainless Steel

Contact Finish:

- tin plated
- silver plated
- selective gold plated

Contact Resistance (New State):

≤ 2 mΩ

Total Temperature max.:

- 40 °C to +130 °C (tin plated)
- 40 °C to +140 °C (silver plated)
- 40 °C to +150 °C (gold plated)

Mating Cycles:

- 10 (tin plated)
- 50 (silver plated)
- 100 (gold plated)

Insertion Force:

max. 15 N
(proof tab 0.8 mm thick)

Extraction Force:

min. 2 N
(proof tab 0.8 mm thick)

Retention Force:

- from housings without second locking device min. 120 N
- from housings only second locking device min. 60 N

Dimensions of Male Contacts:

4.8 x 0.8 mm,
5.8 x 0.8 mm,
6.3 x 0.8 mm

Modular Dimensions:

min. 6.0 x 7.5 mm

Extraction Tool:

Part No. 968107-1

Product Group Drawing:

1355048
1355049 (Modified Spring)

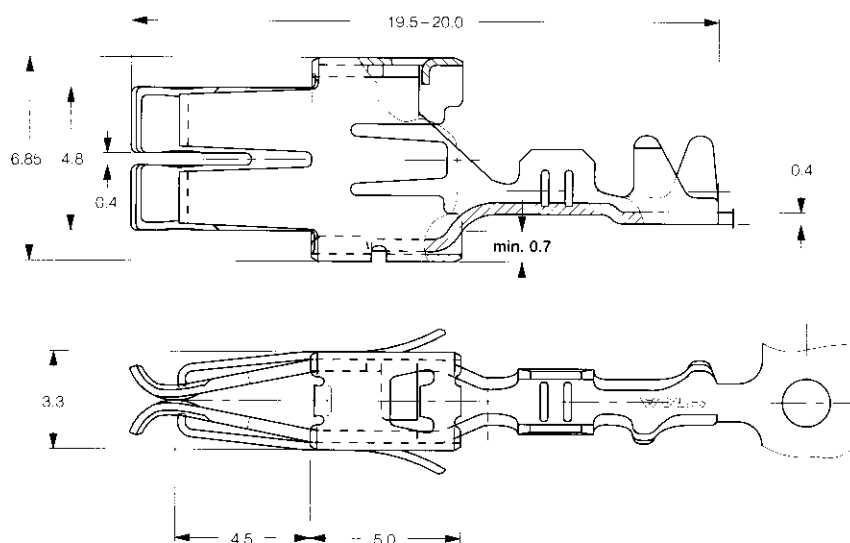
Product Specification:

108-18025

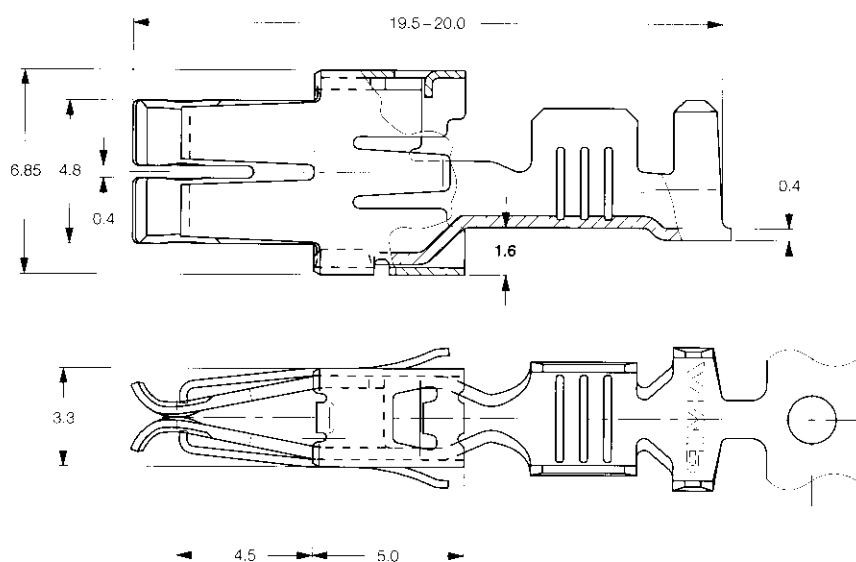
Application Specification:

114-18037

Receptacle Contact



With Modified Spring



Max. Current in 8 Positions Housing (Fully Loaded)

Material	Temperature (° C)	Current Carrying Capacity (Ampere)			
		1.0 mm ²	1.5 mm ²	2.5 mm ²	4.0 mm ²
CuFe	20	17.5	23.0	25.5	40.0
	90	8.0	10.5	12.0	17.0
CuSn	20	16.5	20.0	23.5	35.0
	90	7.5	9.0	11.0	16.0