

## 4919.\*\* 4.8 (.187) TYPE SERIES · RECEPTACLES



**Specification** Basic self locking under TP design

**For male (mm)** 4,8x0,8

**Wire size mm<sup>2</sup> (AWG)** 1-2,5 (18-14)

**Ø Insulation (mm)** 3-4,3

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
4919.00	Brass	Natural	110
4919.01	Brass	Pre-tin-plated	120
4919.24	Steel	Nickel-plated	300
4919.30	Bronze	Natural	120
4919.31	Bronze	Pre-tin-plated	130

**Material thickness (mm)** 0,35

**Max. rated current**

Wire section	4919.00 / 01 / 24 / 30 / 31
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A
2.50 mm <sup>2</sup>	20A

**Insertion / Withdrawal forces**


	4919.00 / 01 / 24 / 30 / 31
1st Insertion (max)	25N <sup>1</sup>
1st Withdrawal (min, locking enabled)	70N <sup>1</sup>

<sup>1</sup> Valid for Natural Brass Tab

**Application tool** MN4919

**Wire strip length** 4.4 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm <sup>2</sup>	1.40 (±0.05)	3.02 (±0.05)	4.12 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.50 (±0.05)	3.04 (±0.05)	4.14 (±0.10)	150N @ 60s
2.00 mm <sup>2</sup>	1.65 (±0.05)	3.05 (±0.05)	4.15 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	1.80 (±0.05)	3.07 (±0.05)	4.16 (±0.10)	230N @ 60s

Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 10000

**Approved regulations**

Part nr.	Approval	Standard	File	Certified framework
4919.00	UL	UL 310	E211727	AWG 18-18 (16-16 Stranded Cu) / MN4919
4919.01	UL	UL 310	E211727	AWG 18-18 (16-16 Stranded Cu) / MN4919
4919.24	UL	UL 310	E211727	AWG 18-18 (16-16 Stranded Cu) / MN4919

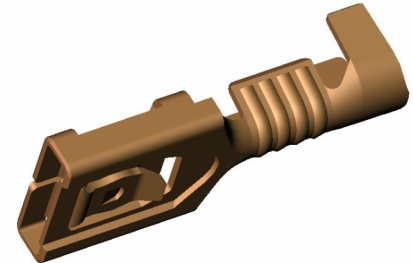
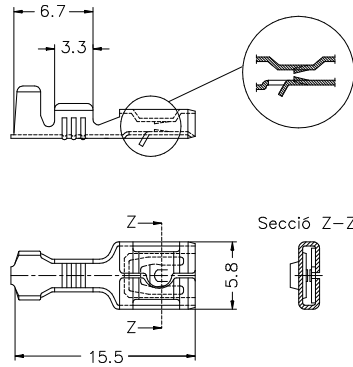
**Approvals**



**4919.\*\***  
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**Drawing**



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A2	Change company name and logo	2021-10-21	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)
A1	Datasheet updated automatically [A1]	2021-03-03	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)

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