

## 4504.\*\* 2.8 (.110) TYPE SERIES · RECEPTACLES



**Specification** Special Low insertion Side feed Receptacles

**For male (mm)** 2,8x0,5

**Wire size mm<sup>2</sup> (AWG)** 0,3-0,6 (22-20)

**Ø Insulation (mm)** 1,5-2 FLR

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
4504.00	Brass	Natural	110	0.00
4504.01	Brass	Pre-tin-plated	120	0.00
4504.30	Bronze	Natural	120	0.00
4504.31	Bronze	Pre-tin-plated	130	0.00

**Material thickness (mm)** 0,3

**Insertion / Withdrawal forces**


	4504.00 / 01 / 30 / 31
1st Insertion (max)	30N <sup>1</sup>
1st Withdrawal (max)	44N <sup>1</sup>
6th Withdrawal (min)	9N <sup>1</sup>

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

**Application tool** MN4504

**Wire strip length** 4.2 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.30 mm <sup>2</sup>	1.00 (±0.03)	1.83 (±0.03)	2.44 (±0.10)	28N @ 60s
0.50 mm <sup>2</sup>	1.05 (±0.03)	1.83 (±0.03)	2.46 (±0.10)	56N @ 60s
0.60 mm <sup>2</sup>	1.10 (±0.05)	1.84 (±0.05)	2.47 (±0.10)	56N @ 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** 8000

**Compatible connectors** 22842\*\*

**Max. rated current**

Wire section	4504.00 / 01 / 30 / 31
0.50 mm <sup>2</sup>	6A

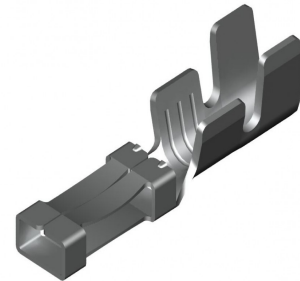
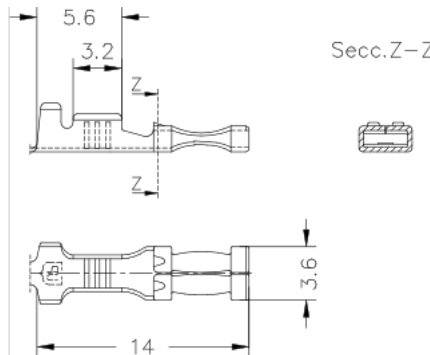
**Approvals**



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Drawing



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