

## 6509.\*\* 2.8 (.110) TYPE SERIES · MALES



**Specification** 2.8 x 0.8 mm Male Flag

**Tongue thickness (mm)** 0,8

**Wire size mm<sup>2</sup> (AWG)** 0,2-0,5 (24-20)

**Ø Insulation (mm)** 1,4-2,1

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
6509.00	Brass	Natural	110
6509.01	Brass	Pre-tin-plated	120



**Material thickness (mm)** 0,4

**Max. rated current**

Wire section	6509.00 / 01
0.50 mm <sup>2</sup>	6A

**Application tool** MN6509

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm <sup>2</sup>	1.15 (±0.03)	1.80 (±0.03)	3.20 (±0.10)	28N @ 60s
0.35 mm <sup>2</sup>	1.20 (±0.03)	1.80 (±0.03)	3.20 (±0.10)	40N @ 60s
0.50 mm <sup>2</sup>	1.32 (±0.03)	1.80 (±0.03)	3.20 (±0.10)	56N @ 60s

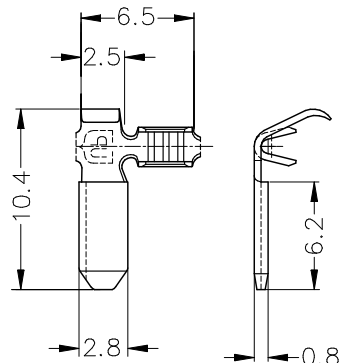
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 6500

**Approvals**



**Drawing**



**6509.\*\***  
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A1	Datasheet generated automatically [A1]	2022-07-28	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

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