

## 4400.\*\* 2.8 (.110) TYPE SERIES · RECEPTACLES



**Specification** For standard tabs. Rear dimple

**For male (mm)** 2,8x0,3

**Din** Esp

**Wire size mm<sup>2</sup> (AWG)** 0,1-0,3 (26-22)

**Ø Insulation (mm)** 1-1,8

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
4400.00	Brass	Natural	110
4400.02	Brass	Tin plated	120
4400.30	Bronze	Natural	120
4400.32	Bronze	Tin plated	130

**Material thickness (mm)** 0,25

**Insertion / Withdrawal forces**


	4400.00 / 02 / 30 / 32
1st Insertion (max)	35N <sup>1</sup>
1st Withdrawal (max)	40N <sup>1</sup>
1st Withdrawal (min)	13N <sup>1</sup>
6th Withdrawal (min)	9N <sup>1</sup>

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

**Application tool** MN4400

**Wire strip length** 3.8 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)		
0.15 mm <sup>2</sup>	0.80 (±0.03)	1.53 (±0.03)	1.68 (±0.10)	≥ 20N
0.25 mm <sup>2</sup>	0.85 (±0.03)	1.53 (±0.03)	1.70 (±0.10)	28N @ 60s
0.30 mm <sup>2</sup>	0.90 (±0.03)	1.54 (±0.03)	1.70 (±0.10)	28N @ 60s
22 AWG	0.90 (±0.03)	1.54 (±0.03)	1.70 (±0.10)	36N @ 60s
24 AWG	0.85 (±0.03)	1.54 (±0.03)	1.68 (±0.10)	22,3N @ 60s
26 AWG	0.82 (±0.03)	1.54 (±0.03)	1.67 (±0.10)	13,4N @ 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** 15000

**Compatible connectors** 22810\*\*, 22811\*\*, 22812\*\*, 22820\*\*

**Approved regulations**

Part nr.	Approval	Standard	File	Certified framework
4400.00	UL	UL 310	E211727 E347133	AWG 22-22 (7-7 Stranded Cu) / MN4400

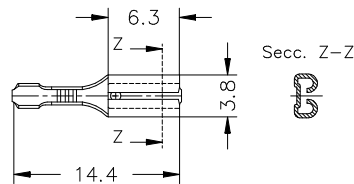
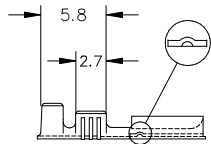
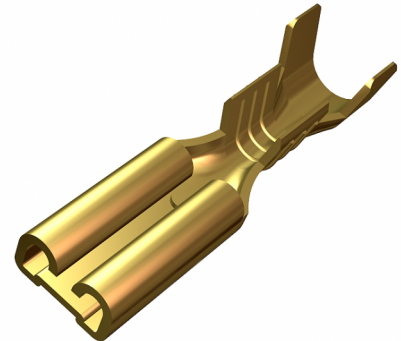
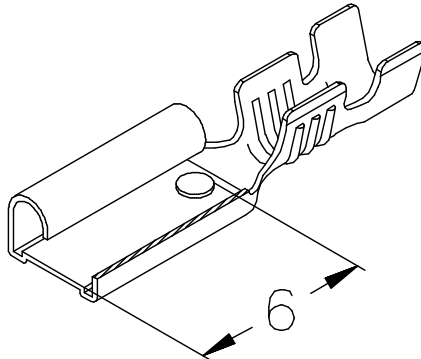
**Approvals**



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Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A2	Insertion / Withdrawal forces Updated	2021-03-04	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2020-09-01	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

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