

## 6422.\*\* 6.3 (.250) TYPE SERIES · MALES



<b>Specification</b>	Males
<b>Typology</b>	0.4+0.4 mm short male
<b>Tongue thickness (mm)</b>	0,8
<b>Din</b>	46248
<b>Wire size mm<sup>2</sup> (AWG)</b>	1-2,5 (18-14)
<b>Ø Insulation (mm)</b>	3-4,3

### Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
6422.00	Brass	Natural	110
6422.01	Brass	Pre-tin-plated	120
6422.02	Brass	Tin plated	120
6422.03	Brass	Silver-plated	130
6422.04	Brass	Nickel-plated	130
6422.30	Bronze	Natural	120
6422.31	Bronze	Pre-tin-plated	130

**Material thickness (mm)** 0,39


### Max. rated current

Wire section	6422.00 / 01 / 02 / 03 / 04 / 30 / 31
1.00 mm <sup>2</sup>	12A
1.50 mm <sup>2</sup>	16A
2.50 mm <sup>2</sup>	20A

**Application tool** MN6422

**Wire strip length** 5.0 (±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>	1.65 (±0.05)	2.86 (±0.05)	4.03 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.75 (±0.05)	2.87 (±0.05)	4.01 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	2.00 (±0.05)	2.90 (±0.05)	4.00 (±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** 7000

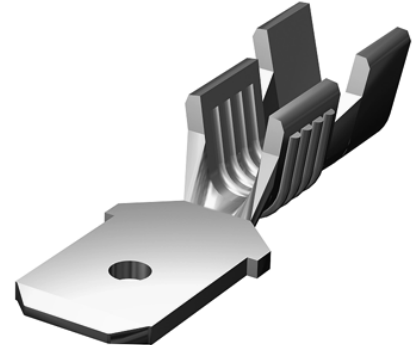
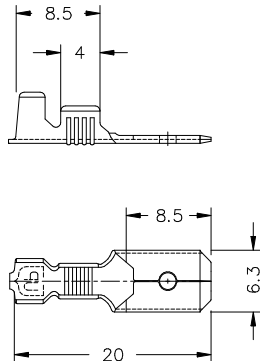
### Approvals



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### Drawing



### Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Crimp specifications - Add	2022-02-14	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A3	Change company name and logo	2021-10-21	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A2	Correction - Material thickness	2021-08-05	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A1	Datasheet generated automatically [A1]	2021-05-19	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

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