

## 5236.\*\* 6.3 (.250) TYPE SERIES · MALE-FEMALE TERMINALS



**Specification** Low insertion

**For male (mm)** 6,3x0,8

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

**Ø Insulation (mm)** 2,7-4,3

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
5236.00	Brass	Natural	110
5236.01	Brass	Pre-tin-plated	120
5236.24	Steel	Nickel-plated	300
5236.30	Bronze	Natural	120
5236.31	Bronze	Pre-tin-plated	130

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

**Max. rated current**

Wire section	5236.00 / 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**

	5236.00 / 30	5236.01 / 24 / 31
1st Insertion (max)	35N	35N
1st Withdrawal (max)	60N	60N
1st Withdrawal (min)	27N	22N
6th Withdrawal (min)	22N	18N

**Application tool** MN5232

**Wire strip length** 4.5 (±0.3) 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>	1.55	2.85	4.19	108N @ 60s
1.50 mm <sup>2</sup>	1.70	2.87	4.20	150N @ 60s
2.00 mm <sup>2</sup>	1.85	2.88	4.20	150N @ 60s
2.50 mm <sup>2</sup>	2.00	2.90	4.21	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** 2500

**Approvals**

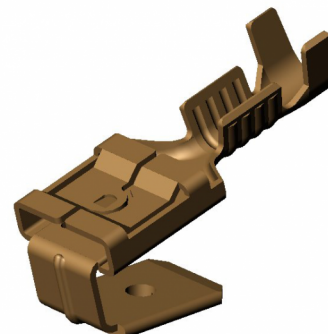
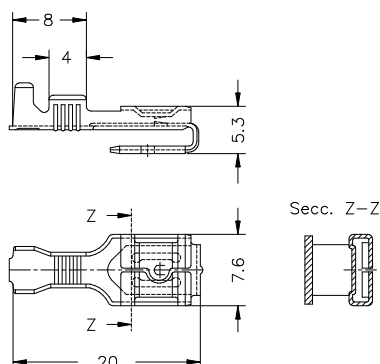


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Drawing



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A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura (Laboratory Dept.)
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