



**6686.\*\***  
**1.5 (.060) TYPE SERIES · MALES FOR CONNECTOR**



**Specification** Tabs for connector

**Tongue thickness (mm)** 1,5X0,8

**Wire size mm<sup>2</sup> (AWG)** 0,35-0,75 (22-18)

**Ø Insulation (mm)** 2,2 Max

**Materials, temperature and contact resistance**



| Part nr. | Material | Finishing      | Max. Temp. (°C) |
|----------|----------|----------------|-----------------|
| 6686.31  | Bronze   | Pre-tin-plated | 130             |

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

**Application tool** MN6686

**Wire strip length** 3.8 (±0.3) mm

**Crimping parameters & pull out force**

| Wire section<br>(±10%) | Conductor  |              | Insulator  | Pull-out force<br>(N) |
|------------------------|--|--------------|--|-----------------------|
|                        | Height (mm)  | Width (mm)   | Width (mm)   |                       |
| 0.35 mm <sup>2</sup>   | 1.25 (±0.03)   | 1.97 (±0.03) | 2.58 (±0.10)   | 40N @ 60s             |
| 0.50 mm <sup>2</sup>   | 1.35 (±0.03)   | 1.98 (±0.03) | 2.59 (±0.10)   | 56N @ 60s             |
| 0.75 mm <sup>2</sup>   | 1.45 (±0.05)   | 1.99 (±0.05) | 2.60 (±0.10)   | 84N @ 60s             |

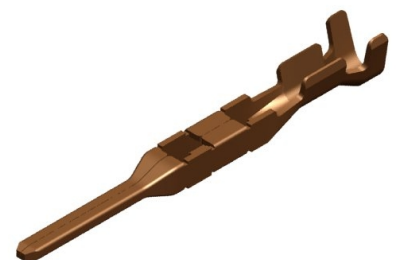
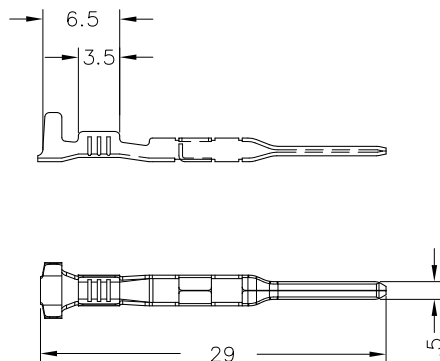
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 7500

**Approvals**



**Drawing**



**Disclaimer**

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| Rev. Nr. | Concept                                | Date       | Created/Revised  | Approved |
|----------|--|------------|------------------|----------|
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