



**5720F\*\***

**6.3 (.250) TYPE SERIES · FLAGS**



**Specification** Basic self locking under TP design

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

**Wire size mm<sup>2</sup> (AWG)** 0,2-0,6 (24-20)

**Ø Insulation (mm)** 2,1 Max

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
5720F00	Brass	Natural	110
5720F01	Brass	Pre-tin-plated	120
5720F30	Bronze	Natural	120
5720F31	Bronze	Pre-tin-plated	130

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

**Max. rated current**

Wire section	5720F00 / 01 / 30 / 31
0.20 mm <sup>2</sup>	(T.B.D.)
0.35 mm <sup>2</sup>	(T.B.D.)
0.50 mm <sup>2</sup>	8A
0.60 mm <sup>2</sup>	8A

**Insertion / Withdrawal forces**



	5720F00 / 01 / 30 / 31
1st Insertion (max)	35N <sup>1</sup>
1st Withdrawal (min, locking enabled)	90N <sup>1</sup>

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

**Application tool**

MN5820F

**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>	1.10 (±0.03)	1.95 (±0.03)	3.15 (±0.10)	28N @ 60s
0.35 mm <sup>2</sup>	1.15 (±0.03)	1.97 (±0.03)	3.15 (±0.10)	40N @ 60s
0.50 mm <sup>2</sup>	1.25 (±0.03)	1.97 (±0.03)	3.15 (±0.10)	56N @ 60s
0.60 mm <sup>2</sup>	1.30 (±0.05)	1.98 (±0.05)	3.15 (±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**

4000

**Approvals**



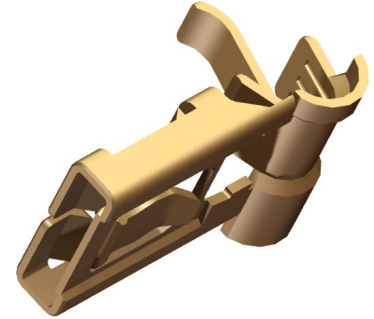
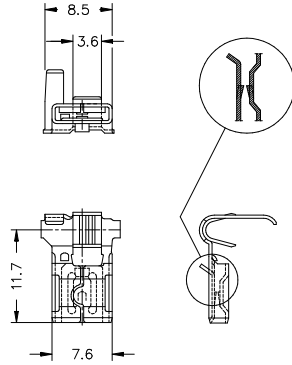


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**Drawing**



(T.B.D.): To be determined

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A1	Datasheet generated automatically [A1]	2018-10-04	Laboratory Dept.	E. Roura