4913F**

4.8 (.187) TYPE SERIES · RECEPTACLES

TP LOCK

Specification Basic self locking under TP design

For male (mm) 4,8x0,5

Wire size mm² (AWG) 0,3-0,75 (22-18)

Ø Insulation (mm) 1,4-2,4

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)
4913F00	Brass	Natural	110
4913F01	Brass	Pre-tin-plated	120
4913F24	Steel	Nickel-plated	300
4913F30	Bronze	Natural	120
4913F31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,35

Insertion / Withdrawal forces

	4913F00 / 01 / 24 / 30 / 31
1st Insertion (max)	25N[1]
1st Withdrawal (min, locking enabled)	70N[1]

[1] Valid for Natural Brass Tab

Application tool MN4913F

Wire strip length 4.4 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.30 mm²	1.18 (±0.03)	1.85 (±0.03)	2.95 (±0.10)	28N @ 60s
0.50 mm²	1.25 (±0.03)	1.86 (±0.03)	2.96 (±0.10)	56N @ 60s
0.75 mm²	1.30 (±0.05)	1.87 (±0.05)	2.96 (±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 10000

Approvals

RoHS

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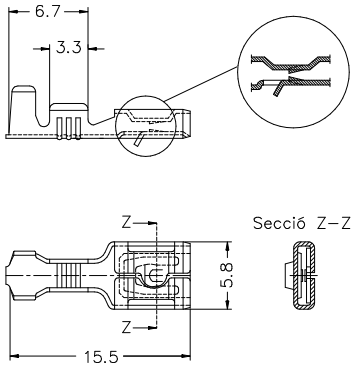
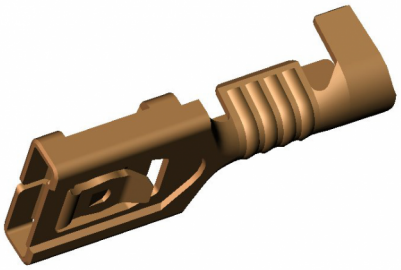
Drawing





Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A1	Datasheet updated automatically [A1]	2021-03-02	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)

Especialitats Elèctriques Escubedo S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com