

4915F** 4.8 (.187) TYPE SERIES · RECEPTACLES



Specification Basic self locking under TP design

For male (mm) 4,8x0,8

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. (°C)
4915F00	Brass	Natural	110
4915F01	Brass	Pre-tin-plated	120
4915F24	Steel	Nickel-plated	300
4915F30	Bronze	Natural	120
4915F31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,35

Insertion / Withdrawal forces

	4915F00 / 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 mm ²	1.18 (±0.03)	1.85 (±0.03)	2.95 (±0.10)	28N @ 60s
0.50 mm ²	1.25 (±0.03)	1.86 (±0.03)	2.96 (±0.10)	56N @ 60s
0.75 mm ²	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

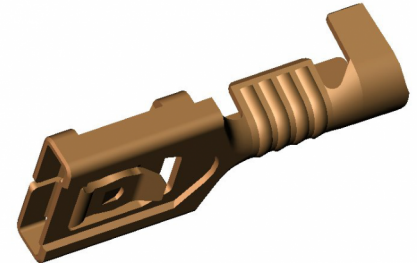
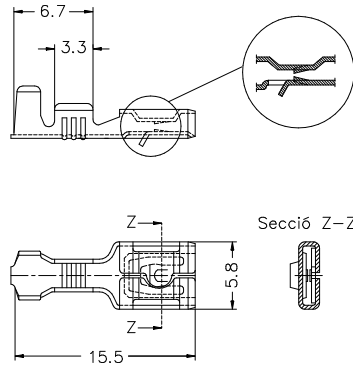
Approvals



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Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Change company name and logo	2021-10-21	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)
A1	Datasheet updated automatically [A1]	2021-03-02	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)

Escubedo Connection Systems, 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