

5768.**

4.8 (.187) TYPE SERIES · FLAGS

SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.



Specification Self-locking terminals under TP design

For male (mm) 4,8x0,5

Wire size mm² (AWG) 0,2-0,6 (24-20)

Ø Insulation (mm) 1,1-2,1

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5768.00	Brass	Natural	110	2.00
5768.01	Brass	Pre-tin-plated	120	1.25
5768.24	Steel	Nickel-plated	300	2.50
5768.51	Cu. Alloy	Pre-tin-plated	150	1.00

Material thickness (mm) 0,35

Max. rated current

Wire section	5768.00 / 01 / 24 / 51
0.20 mm ²	2A
0.25 mm ²	2A
0.35 mm ²	6A
0.50 mm ²	8A
0.60 mm ²	8A

Insertion / Withdrawal forces


	5768.00 / 01 / 24 / 51
1st Insertion (max)	25N ¹
1st Withdrawal (max)	25N ¹
1st Withdrawal (min, locking enabled)	70N ¹

¹ Valid for Natural Brass Tab

Security function

Self-locking function prevents disconnection by pulling the cable. Disconnection is possible disabling the locking function, pressing the lever manually or sliding the connector (see withdrawal forces). It allows several connections-disconnections maintaining the functional features.

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm ²	1.15 (±0.03)	1.86 (±0.03)	3.33 (±0.10)	28N @ 60s
0.25 mm ²	1.15 (±0.03)	1.86 (±0.03)	3.33 (±0.10)	28N @ 60s
0.35 mm ²	1.20 (±0.03)	1.86 (±0.03)	3.34 (±0.10)	40N @ 60s
0.50 mm ²	1.25 (±0.03)	1.86 (±0.03)	3.34 (±0.10)	56N @ 60s
0.60 mm ²	1.30 (±0.05)	1.87 (±0.05)	3.35 (±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 3500

Compatible connectors 24837**

Approvals



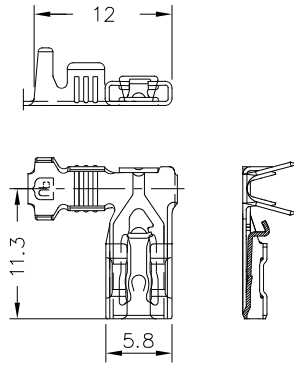
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Drawing



Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A3	Correction - Subtitle of the datasheet	2019-03-21	Laboratory Dept.	E. Roura
A2	Update datasheet (Specification)	2018-07-13	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2018-06-22	Engineering department	X.Menac

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