

4824.** 6.3 (.250) TYPE SERIES · RECEPTACLES



Specification Low insertion based on standard design

For male (mm) 6,3x0,8

Wire size mm² (AWG) 2,5-6 (14-10)

Ø Insulation (mm) 3,8-5

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
4824.00	Brass	Natural	110
4824.02	Brass	Tin plated	120
4824.30	Bronze	Natural	120
4824.32	Bronze	Tin plated	130
4824.70	German Silver	Natural	210

Material thickness (mm) 0,4

Max. rated current

Wire section	4824.00 / 02 / 30 / 32 / 70
2.50 mm ²	20A
4.00 mm ²	26A
6.00 mm ²	34A

Insertion / Withdrawal forces


	4824.00 / 30 / 70	4824.02 / 32
1st Insertion (max)	35N ¹	35N ¹
1st Withdrawal (min)	35N ¹	35N ¹
6th Withdrawal (min)	22N ¹	18N ¹

¹ Valid for Natural Brass Tab

Application tool MN4824

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
2.50 mm ²	2.15 (±0.05)	3.96 (±0.05)	6.04 (±0.10)	230N @ 60s
3.00 mm ²	2.25 (±0.05)	3.97 (±0.05)	6.10 (±0.10)	≥ 250N
4.00 mm ²	2.35 (±0.05)	3.99 (±0.05)	6.05 (±0.10)	310N @ 60s
6.00 mm ²	2.70 (±0.05)	4.02 (±0.05)	6.05 (±0.10)	360N @ 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 5000

Compatible connectors 26310**, 26313**, 26316**, 26320**, 26321**

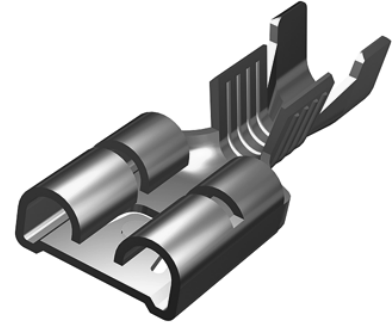
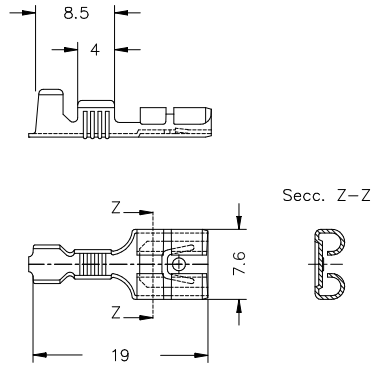
Approvals



4824.** 6.3 (.250) TYPE SERIES · RECEPTACLES



Drawing



Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publiscised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us

Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Change company name and logo	2021-10-21	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A1	datasheet generated automatically	2021-02-23	E.Roura (laboratory dept.)	M.Codina (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