

4901.** 2.8 (.110) TYPE SERIES · RECEPTACLES



Specification Mini side-feed low insertion receptacle

For male (mm) 2,8x0,5

Wire size mm² (AWG) 0,2-0,5 (24-20)

Ø Insulation (mm) 1,8 Max

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
4901.00	Brass	Natural	110
4901.01	Brass	Pre-tin-plated	120
4901.30	Bronze	Natural	120
4901.31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,3

Insertion / Withdrawal forces


	4901.00 / 01 / 30 / 31
1st Insertion (max)	20N ¹
1st Withdrawal (max)	40N ¹
6th Withdrawal (min)	8N ¹

¹ Valid for Natural Brass Tab

Application tool MN4900

Wire strip length 3.0 (±0.2) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.20 mm ²	0.95 (±0.03)	1.69 (±0.03)	2.45 (±0.10)	28N @ 60s
0.35 mm ²	1.02 (±0.03)	1.69 (±0.03)	2.45 (±0.10)	40N @ 60s
0.50 mm ²	1.09 (±0.03)	1.70 (±0.03)	2.45 (±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 8000

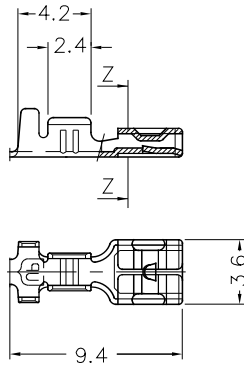
Approvals



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Drawing



Secció Z-Z



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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 created automatically [A1]	2020-11-18	E.Roura (Laboratory dept.)	M.Codina (Engineering dept.)

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