

5246.** 6.3 (.250) TYPE SERIES · FLAG MALE TERMINALS



For male (mm) 6,3x0,8

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 2,5-3,7

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
5246.00	Brass	Natural	110
5246.01	Brass	Pre-tin-plated	120
5246.24	Steel	Nickel-plated	300

Material thickness (mm) 0,4

Max. rated current

Wire section	5246.00 / 01 / 24
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

Insertion / Withdrawal forces


	5246.00	5246.01 / 24
1st Insertion (max)	35N ¹	35N ¹
1st Withdrawal (max)	60N ¹	60N ¹
1st Withdrawal (min)	27N ¹	22N ¹
6th Withdrawal (min)	22N ¹	18N ¹

¹ Valid for Natural Brass Tab

Application tool MN5246

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Pull-out force (N)
	Height (mm)	Width (mm)	
1.00 mm ²	1.50 (±0.05)	2.87 (±0.05)	230N @ 60s
1.50 mm ²	1.65 (±0.05)	2.89 (±0.05)	150N @ 60s
2.00 mm ²	1.80 (±0.05)	2.90 (±0.05)	150N @ 60s
2.50 mm ²	1.90 (±0.05)	2.92 (±0.05)	108N @ 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 1500

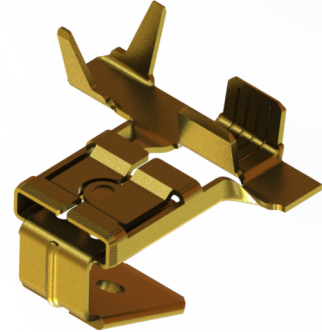
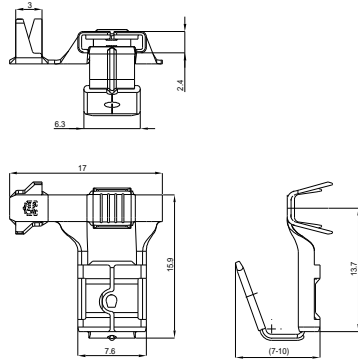
Approvals



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Drawing



Disclaimer

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A1	Datasheet generated automatically [A1]	2022-10-11	D. Yabar (Engineering Dept.)	E. Roura (Laboratory Dept.)

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