

8544.** MINI UP-LOK · RECEPTACLES FOR CONNECTOR



Specification	Receptacles
Ø (mm)	1
Wire size mm² (AWG)	0,3-0,9 (22-18)
Ø Insulation (mm)	1,5-2,8
Counterpart	7540.** , 7542.** , 7544.**

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
8544.00	Brass	Natural	110
8544.01	Brass	Pre-tin-plated	120

Material thickness (mm) 0,2

Insertion / Withdrawal forces


	8544.00 / 01
1st Insertion (max)	8N ¹
1st Withdrawal (min)	2N ¹

¹ Valid for Mini - UP LOCK (male)

Application tool MN7544

Wire strip length 3.0 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)		
0.35 mm ²	0.90 (±0.03)	1.54 (±0.03)	2.68 (±0.10)	40N @ 60s
0.50 mm ²	1.00 (±0.03)	1.55 (±0.03)	2.73 (±0.10)	56N @ 60s
0.75 mm ²	1.10 (±0.05)	1.56 (±0.05)	2.78 (±0.10)	84N @ 60s
1.00 mm ²	1.20 (±0.05)	1.57 (±0.05)	2.78 (±0.10)	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 5500

Compatible connectors 22021** , 22022** , 22022**E , 22023** , 22023**E , 22024** , 22024**E , 22026** , 22026**E , 22029** , 22029**E

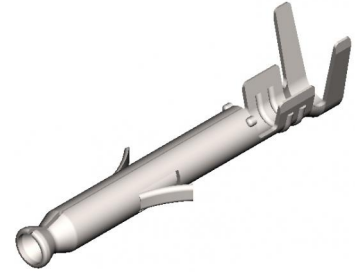
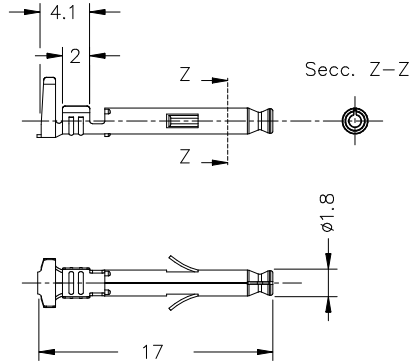
Approvals



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Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Update winding number	2024-05-29	E. Roura (Laboratory dept.)	D. Yabar (Engineering dept.)
A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2019-09-03	Laboratory Dept.	E. Roura