



7540.**
MINI UP-LOK · MALES FOR CONNECTOR



Specification	Males
Ø (mm)	1
Wire size mm² (AWG)	0,12-0,5 (26-20)
Ø Insulation (mm)	1,2-1,75
Counterpart	8540.** , 8542.** , 8544.**

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
7540.00	Brass	Natural	110
7540.01	Brass	Pre-tin-plated	120

Material thickness (mm) 0,2

Max. rated current

Wire section	7540.00 / 01
0.35 mm ²	6A ¹
0.50 mm ²	8A ¹

¹ Valid for 8540.xx (Only for one way connector 22031**)

Insertion / Withdrawal forces


	7540.00 / 01
1st Insertion (max)	8N ¹
1st Withdrawal (min)	2N ¹

¹ Valid for Mini - UP LOCK (female)

Application tool MN7540

Wire strip length 3.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.12 mm ²	0.70 (±0.03)	1.42 (±0.03)	1.88 (±0.10)	≥ 20N
0.20 mm ²	0.75 (±0.03)	1.42 (±0.03)	1.88 (±0.10)	28N @ 60s
0.35 mm ²	0.80 (±0.03)	1.43 (±0.03)	1.90 (±0.10)	40N @ 60s
0.50 mm ²	0.90 (±0.03)	1.44 (±0.03)	(T.B.D.)	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

Compatible connectors 22031** , 22032** , 22033** , 22034** , 22036** , 22039**

Approvals

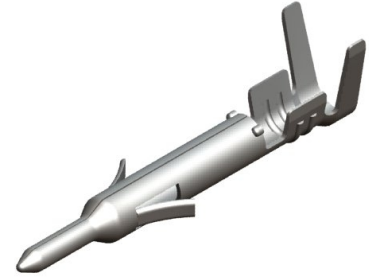
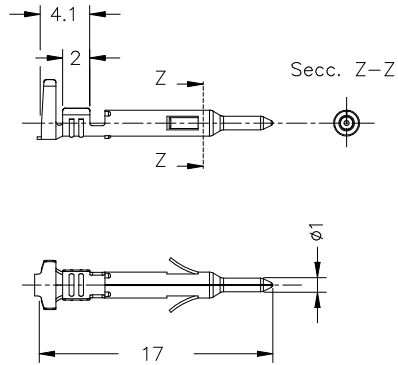




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Drawing



(T.B.D.): To be determined

Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Max. rated current updated	2020-11-16	E.Roura (Laboratory dept.)	M.Codina (Engineering dept.)
A1	Datasheet generated automatically [A1]	2019-09-03	Laboratory Dept.	E. Roura