

## 8523.\*\* STANDARD UP-LOK · RECEPTACLES FOR CONNECTOR SECONDARY LOCK



**Specification** Secondary Lock

**Ø (mm)** 2,12

**Wire size mm<sup>2</sup> (AWG)** 1-2,1 (18-14)

**Ø Insulation (mm)** 1,3-3,3

**Counterpart** 7519.\*\*, 7521.\*\*, 7523.\*\*, 7525.\*\*, 7527.\*\*, 7529.\*\*, 7551.\*\*, 7553.\*\*, 7557.\*\*, 7559.\*\*

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
8523.01	Brass	Pre-tin-plated	120

**Material thickness (mm)** 0,32

**Insertion / Withdrawal forces**

	8523.01
1st Insertion (max, split pin)	12N <sup>1</sup>
1st Insertion (max, solid pin)	17N <sup>2</sup>
1st Withdrawal (min, solid pin)	5N <sup>2</sup>
1st Withdrawal (min, split pin)	4N <sup>1</sup>

<sup>1</sup> Valid for 7525.\*\*, 7527.\*\*, 7529.\*\*, 7557.\*\*, 7559.\*\*  
<sup>2</sup> Valid for 7519.\*\*, 7521.\*\*, 7523.\*\*, 7551.\*\*, 7553.\*\*

**Application tool** MN7523

**Wire strip length** 3.8 (±0.3) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.75 + 0.75 mm <sup>2</sup>	1.70 (±0.05)	2.28 (±0.05)	3.50 (±0.10)	(84N @ 60s) + (84N @ 60s)
1.00 mm <sup>2</sup>	1.50 (±0.05)	2.28 (±0.05)	3.50 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	1.75 (±0.05)	2.29 (±0.05)	3.50 (±0.10)	150N @ 60s
2.00 mm <sup>2</sup>	1.85 (±0.05)	2.31 (±0.05)	3.50 (±0.10)	150N @ 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** 6000

**Compatible connectors** 22241\*\*, 22249\*\*, 22251\*\*, 22259\*\*

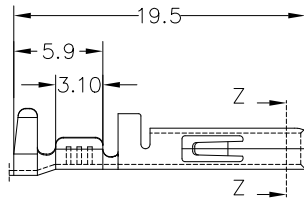
**Approvals**



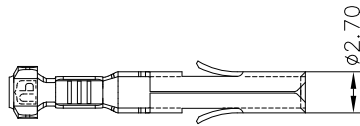
**8523.\*\***  
**STANDARD UP-LOK · RECEPTACLES FOR CONNECTOR**  
**SECONDARY LOCK**



Drawing



Secc. Z-Z



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