

## 8430.\*\* 4.8 (.187) TYPE SERIES · RECEPTACLES FOR CONNECTOR



**Specification** H15 Lamp receptacle

**Wire size mm<sup>2</sup> (AWG)** 0,5-1 (20-18)

**Ø Insulation (mm)** 2,5 Max

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
8430.51	Cu. Alloy	Pre-tin-plated	150	1.25

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

**Max. rated current**



Wire section	8430.51
0.50 mm <sup>2</sup>	8A
0.75 mm <sup>2</sup>	10A
1.00 mm <sup>2</sup>	12A

**Insertion / Withdrawal forces**

	8430.51
1st Insertion (max)	9N
1st Withdrawal (min)	2N
10th Withdrawal (max)	6N
10th Withdrawal (min)	2N

**Application tool** MN8430

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
18 AWG	1.25	2.16	(T.B.D.)	89N @ 60s
20 AWG	1.20	2.18	(T.B.D.)	58N @ 60s

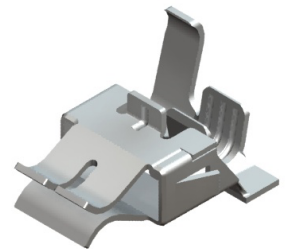
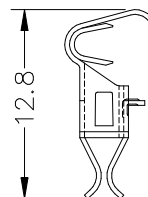
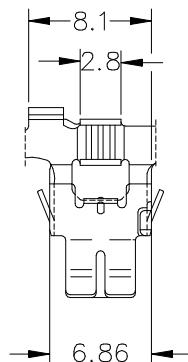
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 3000

**Approvals**



**Drawing**



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

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Change company name and logo	2021-10-21	Laboratoy Dept.	E. roura
A2	Update datasheet (Specification, Ø (mm))	2018-07-13	Laboratoy Dept.	E. roura
A1	Datasheet generated automatically [A1]	2018-05-23	Lab. Dept.	E. Roura

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