

## 4124.\*\*

### RAST 5 TERMINALS AND CONNECTORS · RECEPTACLES FOR CONNECTOR



**Specification** RAST 5 CRIMP CONNECT

**For male (mm)** 6,3x0,8

**Wire size mm<sup>2</sup> (AWG)** 2,5-5 (14-10)

**Ø Insulation (mm)** 3,6-5

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
4124.00	Brass	Natural	110
4124.01	Brass	Pre-tin-plated	120
4124.02	Brass	Tin plated	120
4124.24	Steel	Nickel-plated	300
4124.30	Bronze	Natural	120
4124.31	Bronze	Pre-tin-plated	130
4124.32	Bronze	Tin plated	130
4124.70	German Silver	Natural	210

**Material thickness (mm)** 0,4

**Max. rated current**

Wire section	4124.00 / 01 / 02 / 24 / 30 / 31 / 32 / 70
2.50 mm <sup>2</sup>	20A
3.00 mm <sup>2</sup>	20A
4.00 mm <sup>2</sup>	26A
5.00 mm <sup>2</sup>	26A

**Insertion / Withdrawal forces**


	4124.00 / 30 / 70	4124.01 / 02 / 24 / 31 / 32
1st Insertion (max)	30N <sup>1</sup>	30N <sup>1</sup>
1st Withdrawal (max)	60N <sup>1</sup>	60N <sup>1</sup>
1st Withdrawal (min)	27N <sup>1</sup>	22N <sup>1</sup>
6th Withdrawal (min)	22N <sup>1</sup>	18N <sup>1</sup>

<sup>1</sup> Valid for Natural Brass Tab

**Application tool** MN4834

**Wire strip length** 5.5 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
2.50 mm <sup>2</sup>	1.85 (±0.05)	4.05 (±0.05)	5.52 (±0.10)	230N @ 60s
3.00 mm <sup>2</sup>	1.95 (±0.05)	4.05 (±0.05)	5.52 (±0.10)	≥ 250N
4.00 mm <sup>2</sup>	2.15 (±0.05)	4.08 (±0.05)	5.53 (±0.10)	310N @ 60s
5.00 mm <sup>2</sup>	2.35 (±0.05)	4.10 (±0.05)	5.55 (±0.10)	≥ 350N

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** P8412\*\*, P8413\*\*, P8414\*\*, P8415\*\*

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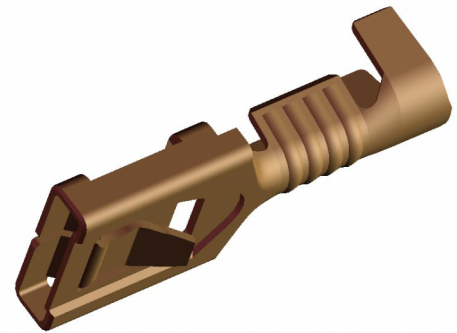
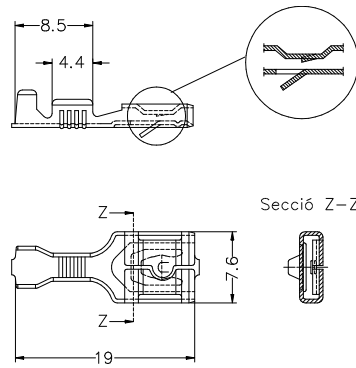
#### Approved regulations

Part nr.	Approval	Standard	File	Certified framework
4124.00	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4124
4124.01	UL	UL 310	E211727	AWG 14-10 (41-105 Stranded Cu) / MN4124
4124.24	UL	UL 310	E211727	AWG 14-14 (41-41 Stranded Cu) / MN4124

#### Approvals



#### Drawing



#### Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Insertion and withdrawal forces - Update	2022-02-14	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)
A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2019-06-04	Laboratory Dept.	E. Roura