

## 4452.\*\*



### 2,3 (.090) UP-NIP RECEPTACLE FOR CONNECTOR

**Description** Receptacle for connector 2.3x0.65mm

**Wire section range** 0.5-1.25 mm<sup>2</sup> (AWG 20 - 16)

**Max. Insulator Ø** SEAL - 3.0 mm



**Materials & Temperature**

Part nr.	Material	Finishing	Max. Temp. (C°)
4452.00	Brass	Natural	110
4452.01	Brass	Pre-tin plated	120
4452.30	Bronze	Natural	120
4452.31	Bronze	Pre-tin plated	130

**Material thickness** 0.25 mm

**Max. Rated current**

**Maximum Current values.**

Values of the table show the recommended maximum current values, limited by the cross section of the cable used. These maximum values also depend on the ambient temperature, and can be reduced depending on the working conditions. For more precise information about the maximum rating current applicable in each case, consult the "Temperature Rise" and "De-rating" curves.

Wire section (mm <sup>2</sup> )	Current (A)
0.50	6
0.75	8
1.00	8
1.25	8

**Insertion/Withdrawal forces**


1st. Insertion	10 ÷ 15 N Max.
1st. Withdrawal	5 ÷ 15 N Max.

**Note:** Insertion and withdrawal forces valid for 6452.\*\* tab.

**Application tool** MN4452

**Wire stripping length** 4.7 (±0.5) mm

**Crimping parameters & Pull out force**

Wire section (mm <sup>2</sup> ±10%)	Conductor (mm)		Insulator 	Pull-out force (N)
	Height (±0.05)	Width (measured)		Min.
0.50	1.05	2.02	According to used SEAL	70
0.75	1.15	2.03		90
1.00	1.20	2.04		120
1.25	1.30	2.06		130

**Note:** Values only valid for the application tool specified. The insulator width is only indicative as they depend of the insulation properties

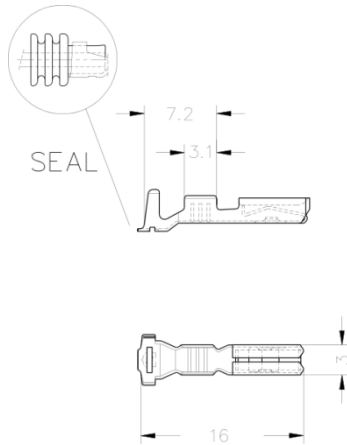
**Packaging** 7000 Pieces on 25 mm cardboard reel, 10.5 mm terminal chain pitch

**4452.\*\***



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**Drawing**



**Connectors Compatibility**    **Note:** For info ask: [info@escubedo.com](mailto:info@escubedo.com)

**Approvals**

RoHS Compliant	✓ RoHS
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**Note:** (T.B.D.) To be determined

**Disclaimer**

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Rev. Nr.	Modification	Date	Created/Revised	Approved
3	Full update	11/05/2017	D.Martinez / E.Roura	X.Menac
2	Standard max. Temp. change	21/03/2011	David Martinez	Joan Carles Sanchez
1	Creation	17/05/2005	Marc Garangou	Luis Barea