

4458.**



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

Description Receptacle for connector 2.3x0.65mm

Wire section range 1.00 ÷ 2.00 mm² (AWG 18 ÷ 14)

Max. Insulator Ø 2.7 mm



Materials & Temperature

Part nr.	Material	Finishing	Max. Temp. (C°)
4458.00	Brass	Natural	110
4458.01	Brass	Pre-tin plated	120
4458.30	Bronze	Natural	120
4458.31	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 ²)	Current (A)
1.00	8
1.50	10
2.00	10

Insertion/Withdrawal forces



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

Note: Insertion and withdrawal forces valid for 6458.** tab.

Application tool MN4458

Wire striping length 4.7 (±0.5) mm

Crimping parameters & Pull out force

Wire section (mm ² ±10%)	Conductor (mm) 		Insulator (mm) 	Pull-out force (N)
	Height (±0.05)	Width (measured)	Width (measured)	
Nominal				Min.
1.00	1.25	2.23	2.80	90
1.50	1.40	2.24	2.90	130
2.00	1.60	2.25	2.95	140

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

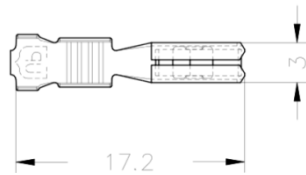
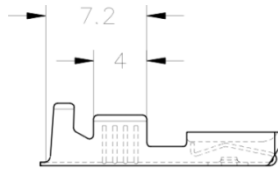
Packaging 6500 Pieces on 25 mm cardboard reel, 10.5 mm terminal chain pitch

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Drawing



Connectors Compatibility

Note: For info ask: info@escubedo.com

Approvals

RoHS Copliant	✓ RoHS
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Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publiscied only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us.

Rev. Nr.	Modification	Date	Created/Revised	Approved
2	Full update	15/05/2017	D.Martinez / E.Roura	X.Menac
1	Creation	10/11/2015	D.Martinez / E.Roura	J.C.Sanchez