

## Description

- RJ45-plug
- CAT.6/6A FTP
- RoHS-conform



## General characteristics

Series	RJ45
Temperature range	-40 °C to +55 °C

## Mechanical characteristics

Engaging force	≤ 30 N
Mating cycles (min.)	≥ 750

## Electrical characteristics

Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 500 MΩ min., 100 V DC min.
Rated voltage	125 V AC
Rated current	1,5 A @ 25° C

## Suitable cable

Conductor, 7-wire stranded	AWG27/7 - AWG24/7
Insulator outer diameter	Ø 0,8 bis Ø 1,05
Jacket outer diameter	Ø 4,5 bis Ø 6,5

## Materials and surfaces

Connector housing	PA66
Wire manager	PC
Contacts	brass / gold plated
Connector	spring steel

## Environmental Requirement

Products are compliant with the RoHs and REACH

## Connector Standard

IEC 60603-7-81

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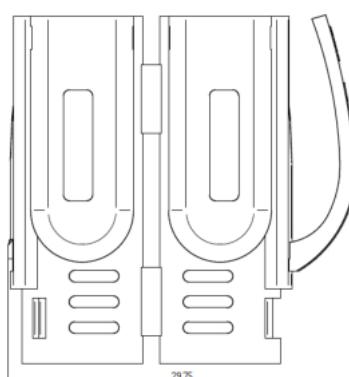
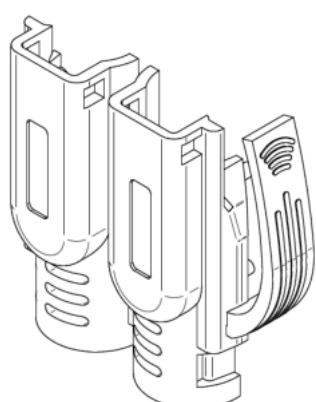
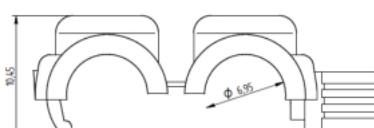
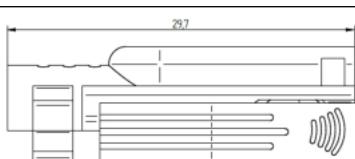
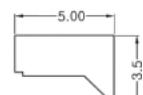
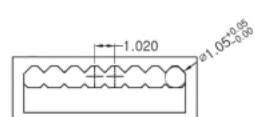
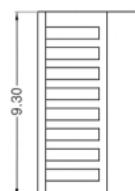
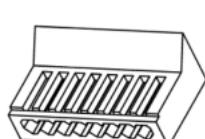
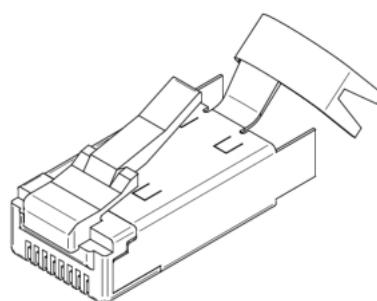
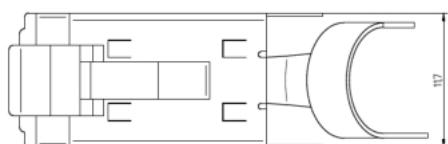
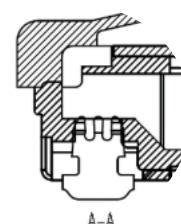
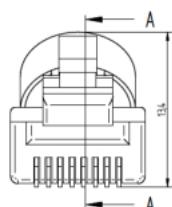
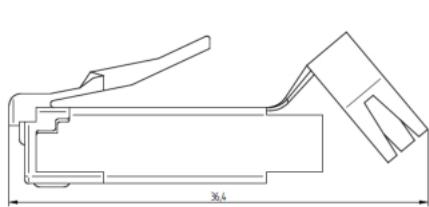
## DATA SHEET

Valid from:  
05.12.2024

EPIC® DATA RJ45 6A 20



## Drawings



381166929	<b>DATA SHEET</b>	 <b>LAPP</b>
Valid from: 05.12.2024	<b>EPIC® DATA RJ45 6A 20</b>	

# DATA SHEET



## Info

Simplified pin assignment through a wire manager with a transparent viewing window  
Simple cable connection thanks to insulation displacement technology

## Application range

For data transmission in the frequency range up to 600 MHz  
For use with Cat.6A cables  
Suitable for all LAN networks and Ethernet applications up to 100Base-TX

## Remark

The photographs are not true to scale and do not represent detailed images of the respective products.

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