


381166929	DATA SHEET	
Valid from: 05.12.2024	EPIC® DATA RJ45 6A 20	

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

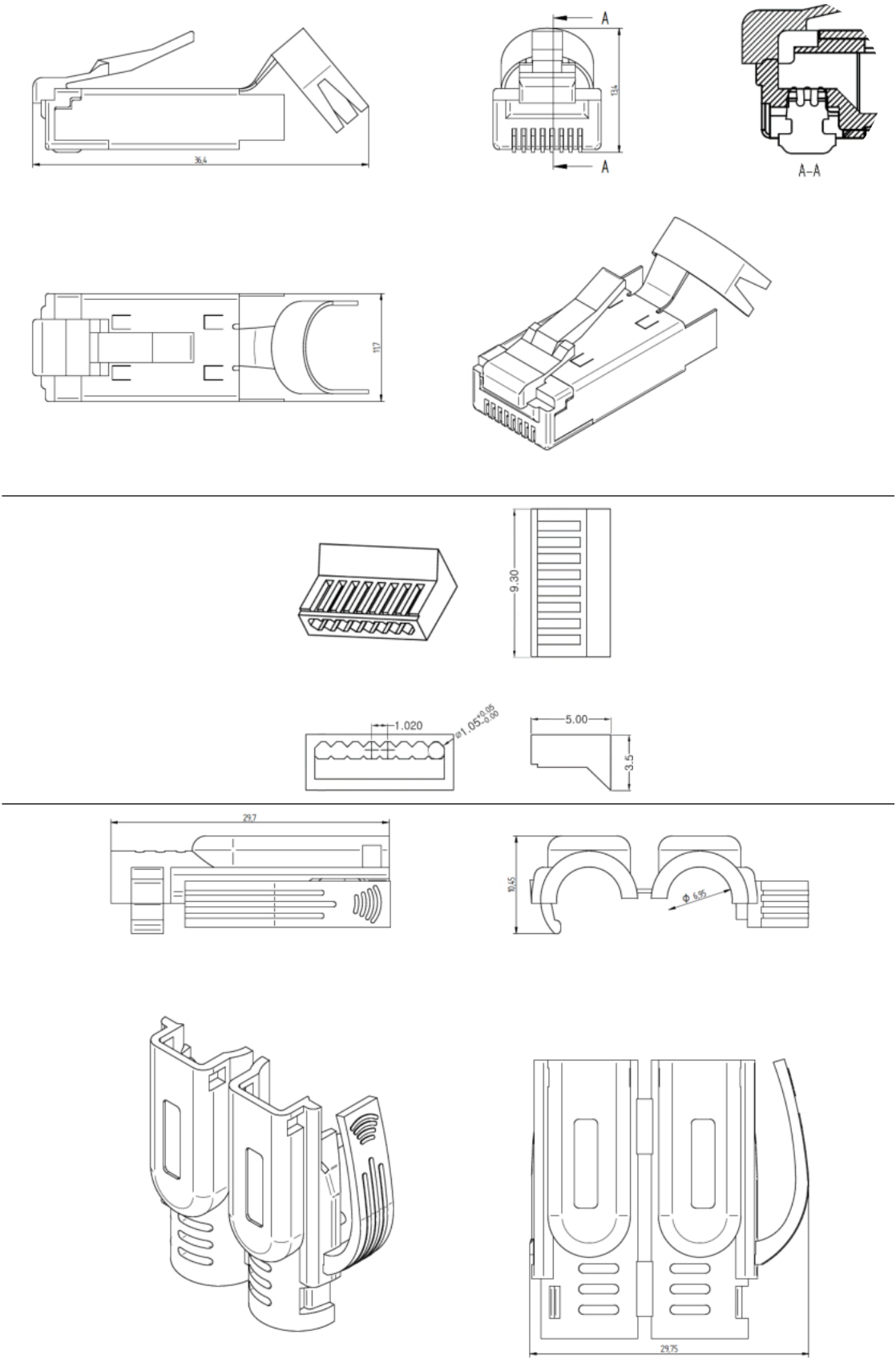
IEC 60603-7-81

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Drawings



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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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