

Data sheet

AJT1DA, C6_A UTP, black

Page 1/4

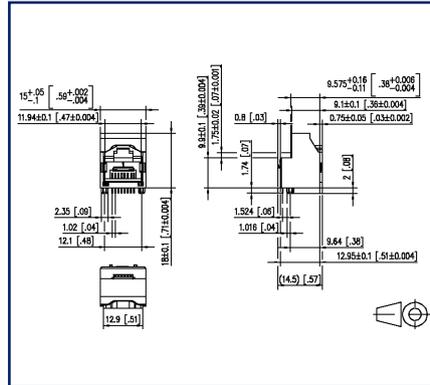
P/N
AJT1DA8813-5100

2025/08/27
Version: H

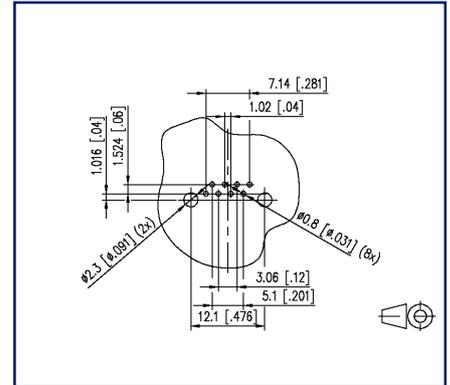
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- RJ45 Jack
- Single port
- Side entry
- unshielded
- suitable for transmission category C6_A
- Housing color black
- THT solderable
- suitable for mounting rail housing



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Technical Data

General Data

Design	RJ45
Ports	Single port
Dimensions	
Dimension (L x W x H)	14.5 mm x 15 mm x 18 mm
Dimension (L x W x H)	0.571 in. x 0.591 in. x 0.709 in.
direction of connection of the cable to PCB	side entry
Mounting style	side entry
Position of latch	top
Number of contacts	8P/8C
Color	black
Protection category	IP 20
soldering method	THT

Material

insulating material	PBT
Insulating material class	CTI 175
Insulation material colour	black
Contact material	CuSn
Contact surface	Ni + Au
Special features	30 µ" Au

Climatic Data

upper limit temperature	70 °C
lower limit temperature	-40 °C

Electrical characteristics

Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Insulation resistance	min. 500 MOhm
Current carrying capacity at 50 °C	1
Dielectric strength conductor-conductor (primarily)	max. 1000 V DC
Dielectric strength conductor-shield	max. 1500 V DC

Data sheet
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Page 3/4

P/N
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Version: H

Technical Data

Transmission characteristics

HF category Cat.6_A

Mechanical data

Insertion force 20 N

Life - Number of mating cycles ≥ 750

Standards and approvals

Standards IEC 60603-7

Classifications

ETIM 7.0 EC002637

ETIM 8.0 EC002637

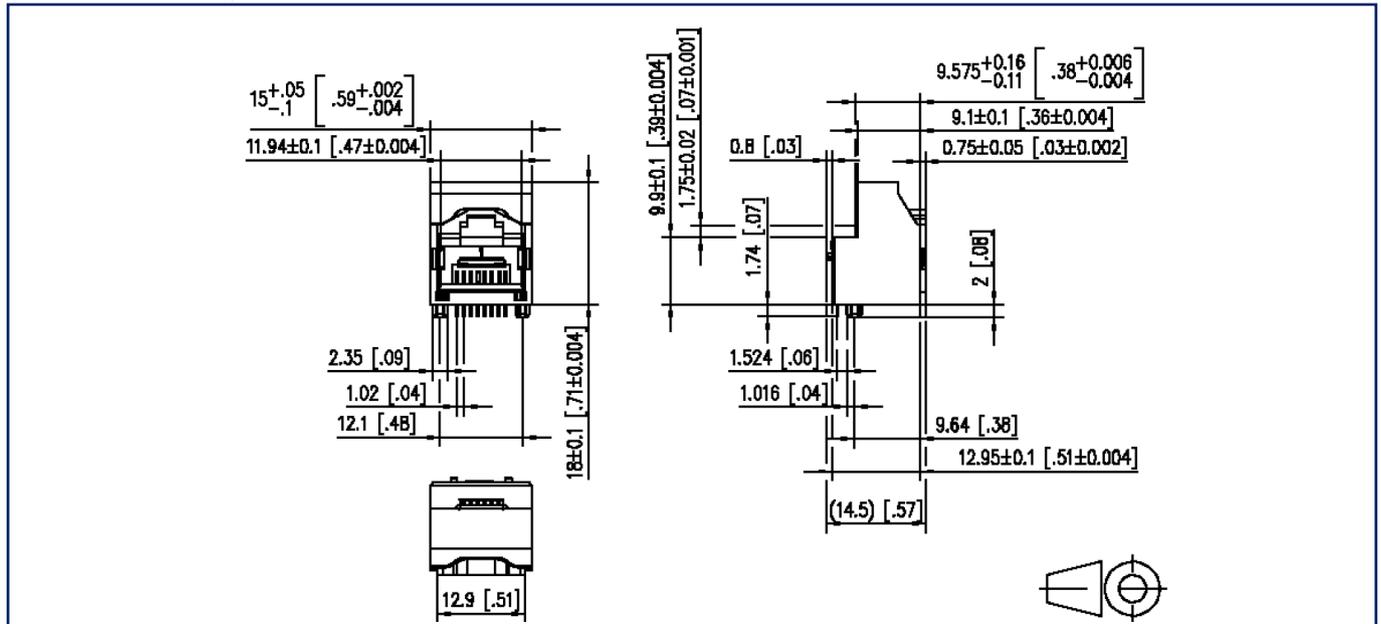
Application note

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Illustrations

Dimensional drawing



Drill pattern

