

Data sheet

AJT1DA, C6_A UTP, white

Page 1/4

P/N
AJT1DA8813-5200

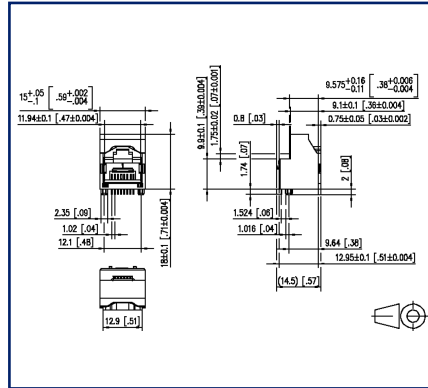
2023/07/04

Version: F

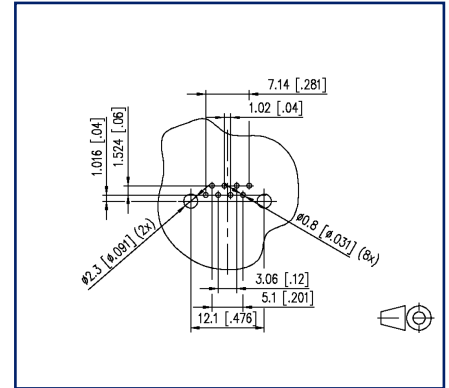
Illustrations



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 white
- THT solderable
- suitable for mounting rail housing



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	natural white
Protection category	IP 20
soldering method	THT

Material

insulating material	PBT
Insulating material class	CTI 175
Insulation material colour	natural white
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



U | Contact

Data sheet

AJT1DA, C6_A UTP, white

Page 3/4

P/N
AJT1DA8813-5200

2023/07/04

Version: F

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 5.0 EC002637

ETIM 6.0 EC002637

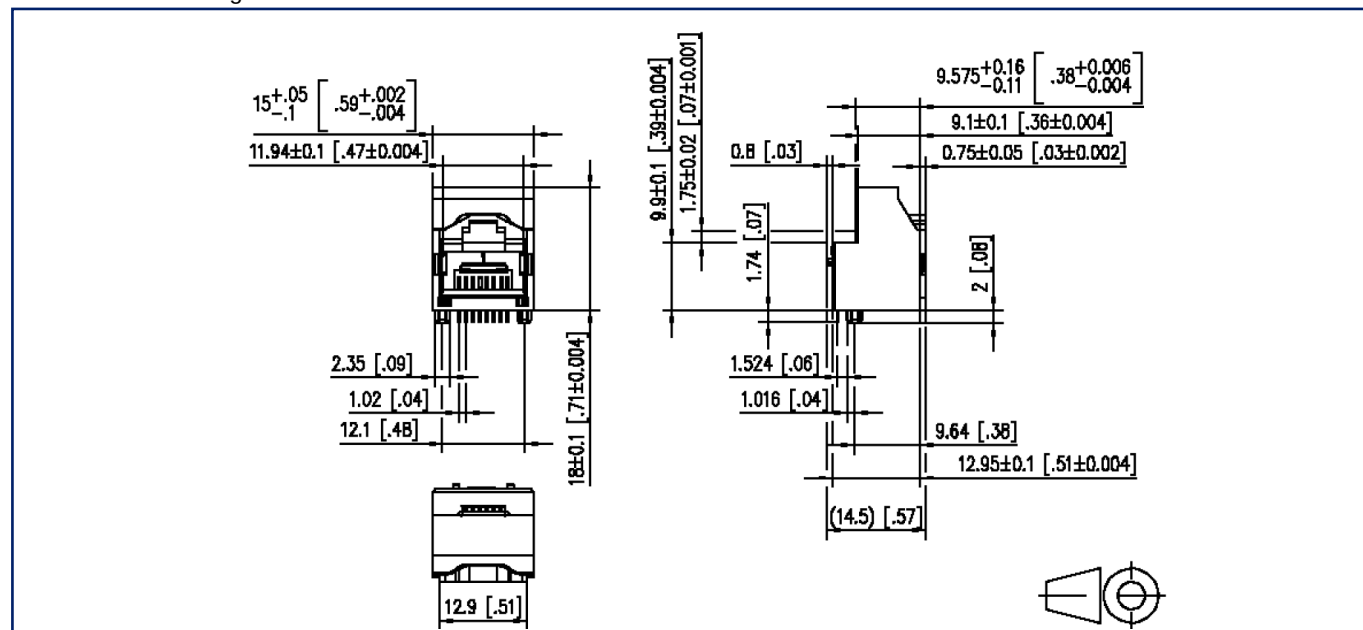
ETIM 7.0 EC002637

ETIM 8.0 EC002637



Illustrations

Dimensional drawing



Drill pattern

