

Data sheet

C6_Amodul K 90° jack - keystone style

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P/N
130B23-E

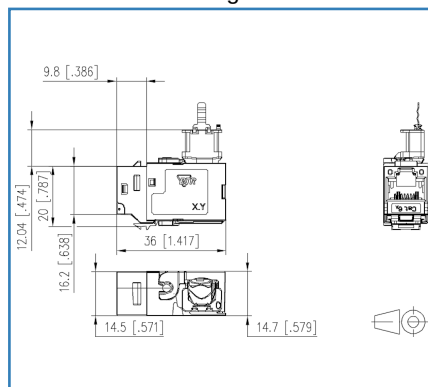
EAN 4250184133469

2018-04-05

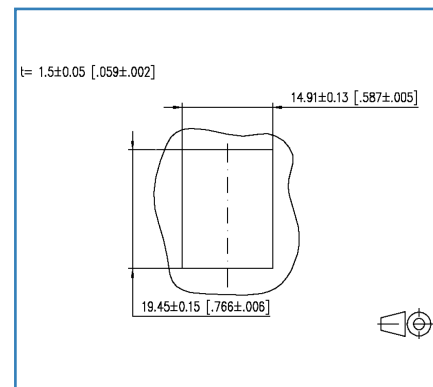
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document

Product specification

- modular Cat.6_A termination unit RJ45
- mounting version: Keystone, 90° cable feed
- solid, one-piece and reusable module housing refined with zinc die-casting
- mounting without special tools; strain relief directly snapped on to stuffer cap
- migration to 25G-systems without special tools
- easy to install connection of data lines AWG 26/1 to 22/1 (solid wire) and AWG 26/7 to 22/7 (stranded wire) to insulation displacement connectors (IDC)
- intelligent cable management in stuffer cap - also suitable for heavily twisted cables
- conductor assignment to T568A and T568B is directly printed on the stuffer cap
- certified to GHMT Cat.6_A re-embedded PVP
- component testing for Cat.6_A to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09, TIA/EIA-568-C.2 (2009-08) and IEC 60603-7-51 Ed.1 (12/2008), certified to GHMT
- compliance with class E_A up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: component up to 600 MHz, link up to 800 MHz
- suitable for 10 Gbit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT



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Technical Data

General Data

Fields of application

Office

Design

Jack

Shielding

shielded

Transmission technology

Copper

Color

metallike

Dimensions

Dimension (L x W x H)

36 mm x 14.7 mm x 32.04 mm

Dimension (L x W x H)

1.417 in. x 0.579 in. x 1.261 in.

Modularity

yes

Field assembly ability

yes

Labeling option

on housing

Marking option

by latching clip

Transmission characteristics

Remote Powering

yes

UPoE

yes

HDBaseT

yes

Connections/interfaces

Connector technology interface 1

IDC-connection

Connector technology interface 2

RJ45-jack

Termination data, solid wire (min. - max.)

Conductor cross section, solid wire

26/1 - 22/1

Conductor cross section, solid wire

0.128 mm² - 0.324 mm²

Conductor diameter, solid wire (bare copper)

0.409 mm - 0.643 mm

Conductor diameter, solid wire (bare copper)

0.016 in. - 0.025 in.

Termination data, stranded wire (min. - max.)

Conductor cross section, stranded wire

26/7 - 22/7

Conductor cross section, stranded wire

0.141 mm² - 0.355 mm²

Conductor diameter, stranded wire (bare copper)

0.483 mm - 0.762 mm

Conductor diameter, stranded wire (bare copper)

0.019 in. - 0.03 in.



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Electrical characteristics

Current carrying capacity	1
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 mOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

Mechanical characteristics

Insertion and withdrawal force	max. 30 N
Position/mounting of latch - standard installation position	bottom
strain relief	latching clip

Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Material - Contact	Spring steel
Material - Contact finish	Au (gold)
Material - Shield	GD-Zn (zinc die-cast)
Material - Finish	Ni (nickel)

Certifications

GHMT Type Approval	Component
GHMT PVP	yes
GHMT PVP - Period of validity	2018/07/31

Approvals

RoHS	compliant
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Classifications

ETIM 5.0	EC001121
ETIM 6.0	EC001121



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Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	420 g
Packaging unit - Weight (pound)	0.93 lb
Packaging dimension (W x H x D)	258 mm x 164 mm x 51 mm
Packaging dimension (W x H x D)	10.157 in. x 6.457 in. x 2.008 in.



Accessories

P/N	Designation
820032-0102-I	Dust protection cover for C6 _A modul pure white
820032-0103-I	Dust protection cover for C6 _A modul light gray
820032-0105-I	Dust protection cover for C6 _A modul yellow
820032-0106-I	Dust protection cover for C6 _A modul blue
820032-0107-I	Dust protection cover for C6 _A modul green
820032-0108-I	Dust protection cover for C6 _A modul red
820032-0129-I	Dust protection cover for C6 _A modul black



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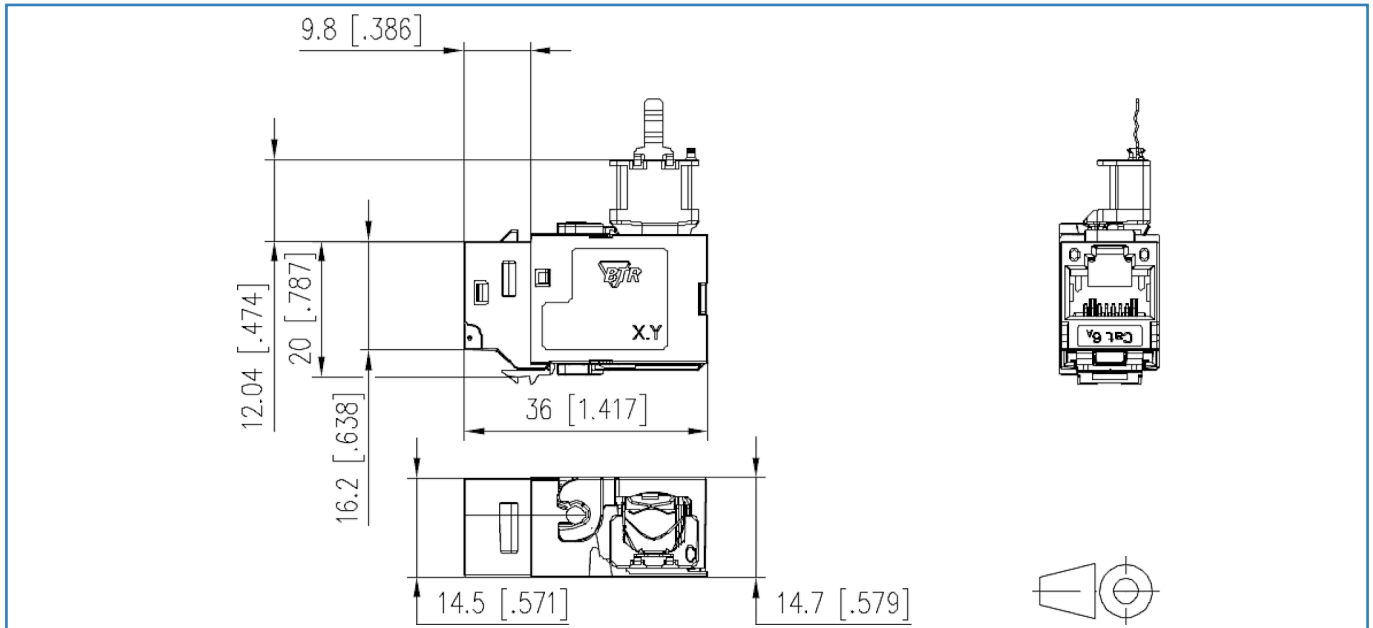
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