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01/2014 / RBA / Ed5

REF: BC6FSTLy

BC range CAT6 RJ45 keystone 360° shielded tooless version





Descriptions

- Tooless termination
- Two back caps linked to the connector's body (no loose part)
- 360° shielding: direct contact with the cable ensured by an adjustable flange.
- Compact : compatible with a big part of face plate (28.25 mm)
- Universal keystone type
- Equipped with a translucent wire sorting insert bar to allow easy visual inspection of wiring
- Optimized printed circuit to improve high frequencies crosstalk performance
- Visibility of the code color to ensure a visual monitoring during connection
- Metal contact for the grounding on the patch panel
- Dust shutter (optional) in different color (red, yellow, blue, white and green)

Performances

CONNECTOR	SYSTEM
IEC 60603-7-5	EIA/TIA 568-C.2
EN 60603-7-5	ISO 11801
FCC Part 68 subpart F	EN 50173-1
TIA 570-B	IEEE 802.3 af PoE
UL 18663	IEEE 802.3 at PoEP

Technical properties

Connection without tool by CAD	Bronze + platine / Cu + SnPb 80µ"
Solid and flexible conductor	From AWG26 to AWG22
Maximum insulation diameter	1.3 mm
Maximum cable diameter	8.5 mm
Contacts	Bronze, platine Ni+Au 1.2µm
Metal body	ZAMAC
Color code	T568A et T568B

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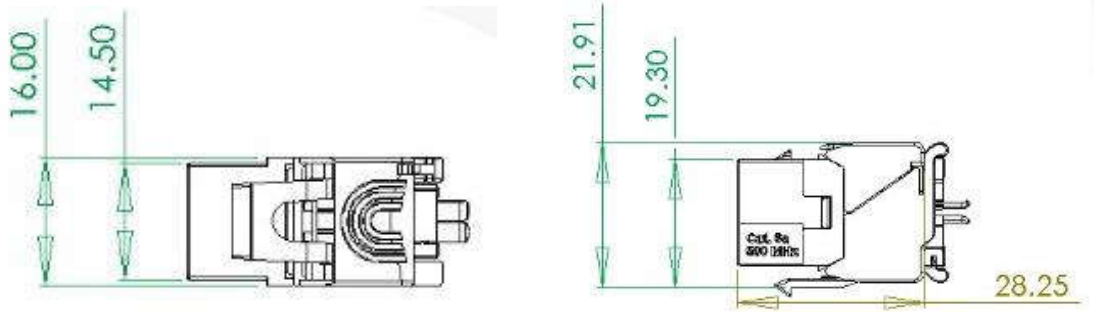
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Electrical properties

Contact resistance	≤ 20 mΩ IEC 60512-2-1 Test 2a
Input/Output resistance	≤ 200 mΩ IEC 60512-2-1 Test 2a
Insulation resistance	≥ 500 MΩ à 100V d.c. IEC 60512-3-1Test 3a
Voltage	≥ 1000V d.c. contact to contact ≥ 1500V d.c. contact to screen (IEC 60512-4-1 Test 4a Method A)
Cycles of insertion	> 1000
Operating voltage	≤ 72V DC
Capacity of power	≤ 30W
Disturbance of vibration	≤ 10µs (3 axis) (IEC 60512-4-1 Test 2e)
Operating Temperature	-40°C to +70°C

3D picture



Related product

Réf.	Designation	Packaging
BCDUSTSHBL8	White dust shutter	8
BCDUSTSHB8	Blue dust shutter	8
BCDUSTSHV8	Green dust shutter	8
BCDUSTSHR8	Red dust shutter	8
BCDUSTSHJ8	Yellow dust shutter	8



Ordering information

Item No	Designation	Shielding	Packaging
BC6FSTL8	RJ45 BC connector 360° shielded tooless category 6	Full shielded	8
BC6FSTL50	RJ45 BC connector 360° shielded tooless category 6	Full shielded	50

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