

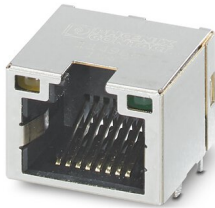
CUC-SP-J1ST-A/R4LT-LED - RJ45 PCB connectors



1149867

<https://www.phoenixcontact.com/us/products/1149867>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



RJ45 PCB connectors, design: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, material: Metal, connection method: Wave soldering contacts

Your advantages

- Design perfectly matched to the RJ45 INDUSTRIAL connector for reliable connectivity
- Ideal for demanding applications due to the high shock and vibration resistance as well as the extended temperature range
- Automated handling process thanks to reflow capability
- Tray packing
- With integrated hybrid LEDs as optical status indicators of data transmission
- Housing shield springs enable an optimized EMC shielding concept

Commercial Data

Item number	1149867
Packing unit	1 pc
Minimum order quantity	80 pc
Sales Key	A08
Product Key	ABNABB
GTIN	4063151145866
Weight per Piece (including packing)	4.95 g
Weight per Piece (excluding packing)	4.5 g
Customs tariff number	85366930
Country of origin	TW

CUC-SP-J1ST-A/R4LT-LED - RJ45 PCB connectors



1149867

<https://www.phoenixcontact.com/us/products/1149867>

Technical Data

Product properties

Type	RJ45
Product type	Female insert
Number of positions	8
Connection profile	RJ45
Number of slots	1
Type	Socket
Locking type	Locking clips
Shielded	yes

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/2)	72 V DC
Rated surge voltage	1.5 kV DC
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage	1 kV DC
Rated current	1.5 A
Frequency range	10 Hz ... 500 Hz
Insulation resistance	> 500 MΩ
Test voltage	1 kV DC
Transmission medium	Copper

Connection data

Connection technology

Connection method	Wave soldering contacts
-------------------	-------------------------

Dimensions

Width	16.18 mm
Height	11.3 mm
Length	15 mm

Material specifications

Flammability rating according to UL 94	V0
Housing surface material	Nickel
Contact material	Phosphor bronze
Contact surface material	Gold
Contact carrier material	PA9T GF
Housing material	Metal

CUC-SP-J1ST-A/R4LT-LED - RJ45 PCB connectors



1149867

<https://www.phoenixcontact.com/us/products/1149867>

Cable/line

Test voltage Core/Core	1 kV DC
Test voltage Core/Shield	1.5 kV DC
Halogen-free	no
Flame resistance	UL 94 V0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 750
Insertion force per signal contact	< 20.00 N
Extraction force per signal contact	< 20 N

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Standards and regulations

Flame resistance	UL 94 V0
------------------	----------

Mounting

Mounting type	Wave soldering
---------------	----------------

Processing notes

Classification temperature T _c	260 °C
---	--------

CUC-SP-J1ST-A/R4LT-LED - RJ45 PCB connectors



1149867

<https://www.phoenixcontact.com/us/products/1149867>

Approvals



cUL Recognized
Approval ID: FILE E 335024



UL Recognized
Approval ID: FILE E 335024



EAC
Approval ID: B.01687

cULus Recognized

CUC-SP-J1ST-A/R4LT-LED - RJ45 PCB connectors



1149867

<https://www.phoenixcontact.com/us/products/1149867>

Classifications

ECLASS

ECLASS-9.0	27440205
ECLASS-10.0.1	27440205
ECLASS-11.0	27440223

ETIM

ETIM 8.0	EC003557
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------



Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com