

CUC-MP-J1ST-A/2R4LT - RJ45 PCB connectors

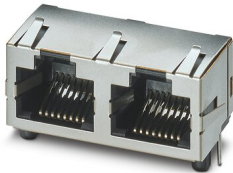


1149858

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



Your advantages

- The right version for every application. Available with and without LED, single- and multi-port
- The extended temperature range from -40 °C to +85 °C enables use in demanding applications
- Through-hole technology (THT) provides high mechanical stability when connecting the female connector to the PCB

Commercial Data

Item number	1149858
Packing unit	60 pc
Minimum order quantity	60 pc
Sales Key	ABN
Product Key	ABNADA
GTIN	4063151146047
Weight per Piece (including packing)	10.183 g
Weight per Piece (excluding packing)	10.183 g
Customs tariff number	85366930
Country of origin	TW

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Technical Data

Product properties

Type	RJ45
Product type	Female insert
Number of positions	8
Connection profile	RJ45
Number of slots	2
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
Transmission speed	10 Gbps

Dimensions

Width	32.26 mm
Height	13.3 mm
Length	15.75 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	PA 9T GF
Housing material	Metal

Cable/line

Test voltage Core/Core	1 kV DC
Test voltage Core/Shield	1.5 kV DC

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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
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Mounting

Mounting type	Wave soldering
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Processing notes

Classification temperature T _c	260 °C
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Approvals



cUL Recognized

Approval ID: FILE E 335024



UL Recognized

Approval ID: FILE E 335024



EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 8.0	EC003557
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

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

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