


# RJ45 PCB connectors - CUC-MP-J1ST-A/2R4LT-LED - 1149854

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RJ45 PCB connectors, degree of protection: IP20, 10 Gbps



## Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 60 pc   |
| Minimum order quantity | 40 pc   |
| GTIN                   | <br>4 063151 146214 |
| GTIN                   | 4063151146214   |

## Technical data

### Mechanical characteristics

|  |         |
|--|---------|
| Number of slots                        | 2       |
| Rated voltage (III/2)                  | 72 V DC |
| Rated surge voltage (III/3)            | 1.5 kV  |
| Overvoltage category                   | I       |
| Insertion/withdrawal cycles            | 750     |
| Number of positions                    | 8       |
| Degree of protection                   | IP20    |
| Degree of pollution                    | 2       |
| Weight                                 | 10.66 g |
| Flammability rating according to UL 94 | V0      |
| Head 1 pin pattern                     | RJ45    |

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

### Material data

|                          |    |
|--------------------------|----|
| Contact surface material | AU |
|--------------------------|----|

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## Technical data

### Material data

|                            |                 |
|----------------------------|-----------------|
| Contact material           | Phosphor bronze |
| Contact carrier material   | PA9T GF         |
| Width                      | 32.26 mm        |
| Height                     | 13.3 mm         |
| Length                     | 15.75 mm        |
| Mounting type              | PCB mounting    |
| Housing surface material 1 | Nickel          |

### Electrical characteristics

|                             |                   |
|-----------------------------|-------------------|
| GRP transmission properties | Data transmission |
| Transmission speed          | 10 Gbps           |
| Rated current               | 1.5 A             |
| Overvoltage category        | I                 |
| Degree of pollution         | 2                 |
| Insulation resistance       | > 500 MΩ          |
| Test voltage Core/Core      | 1 kV DC           |
| Test voltage Core/Shield    | 1.5 kV DC         |

### Standards and Regulations

|  |          |
|--|----------|
| Flame resistance                       | UL 94 V0 |
| Halogen-free                           | no       |
| Flammability rating according to UL 94 | V0       |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440205 |
| eCl@ss 9.0    | 27440205 |

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000438 |
|----------|----------|

## Approvals

### Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized


Ex Approvals

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### Approvals

#### Approval details

|               |   |   |               |
|---------------|---|---|---------------|
| UL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335024 |
|---------------|---|---|---------------|

|                |   |   |               |
|----------------|---|---|---------------|
| cUL Recognized |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 335024 |
|----------------|---|---|---------------|

|                  |   |  |  |
|------------------|---|--|--|
| cULus Recognized |  |  |  |
|------------------|---|--|--|

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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