

## RJ45 PCB connectors - CUC-SP-J1ST-A/R4LT-SMD - 1149882


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RJ45 PCB connectors, degree of protection: IP20, 10 Gbps, connection method: SMD



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1 pc                                                                                                    |
| Minimum order quantity | 100 pc                                                                                                  |
| GTIN                   | <br>4 063151 145873 |
| GTIN                   | 4063151145873                                                                                           |
| Custom tariff number   | 85366930                                                                                                |
| Country of origin      | Taiwan                                                                                                  |

### Technical data

#### Mechanical characteristics

|                                        |         |
|----------------------------------------|---------|
| Connection method                      | SMD     |
| Number of slots                        | 1       |
| 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                                 | 5.78 g  |
| Flammability rating according to UL 94 | V0      |

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## Technical data

### Mechanical characteristics

|                    |      |
|--------------------|------|
| 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   | Gold            |
| Contact material           | Phosphor bronze |
| Contact carrier material   | PA9T GF         |
| Width                      | 18.8 mm         |
| Height                     | 13.5 mm         |
| Length                     | 15.75 mm        |
| Mounting type              | PCB mounting    |
| Housing surface material 1 | Nickel          |

### Electrical characteristics

|                             |                           |
|-----------------------------|---------------------------|
| GRP transmission properties | Data transmission 10 Gbps |
| 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 11.0   | 27440223 |
| eCl@ss 9.0    | 27440205 |

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## Approvals

### Approvals

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#### Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized


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#### Ex Approvals


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### 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 |
|----------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|

|     |                                                                                     |  |         |
|-----|-------------------------------------------------------------------------------------|--|---------|
| EAC |  |  | B.01687 |
|-----|-------------------------------------------------------------------------------------|--|---------|

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

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