

RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS - 1091946

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RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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
- ✓ 360° shielding ensures reliable transmission, even in industrial applications
- ✓ Enables data transmission speeds of up to 10 Gbps in accordance with CAT6A
- ✓ Automated handling process thanks to reflow capability
- ✓ Tray packing



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 84 pc |
| Minimum order quantity | 84 pc |
| GTIN |  4 055626 906355 |
| GTIN | 4055626906355 |
| Weight per Piece (excluding packing) | 5.570 g |
| Custom tariff number | 85366930 |
| Sales Key | ABNABB |

Technical data

Mechanical characteristics

| | |
|-----------------------------|-----------------------|
| Connection method | THR solder connection |
| Number of slots | 1 |
| Rated voltage (III/2) | 72 V DC |
| Rated surge voltage (III/3) | 1.5 kV |
| Overvoltage category | II |
| Insertion/withdrawal cycles | > 750 |

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Technical data

Mechanical characteristics

| | |
|--|--------|
| Number of positions | 8 |
| Degree of pollution | 2 |
| Weight | 5.57 g |
| Type | RJ45 |
| Flammability rating according to UL 94 | V0 |
| Head 1 pin pattern | RJ45 |

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 105 °C |
|---------------------------------|-------------------|

Material data

| | |
|----------------------------|--------------|
| Contact surface material | Gold |
| Contact material | Copper alloy |
| Contact carrier material | LCP |
| Width | 16.2 mm |
| Height | 16.5 mm |
| Length | 17.1 mm |
| Mounting type | PCB mounting |
| Housing material | PA-GF |
| Housing surface material 1 | Nickel |

Electrical characteristics

| | |
|-----------------------------|---------------------------|
| Number of positions | 8 |
| GRP transmission properties | Data transmission 10 Gbps |
| Transmission speed | 10 Gbps |
| Rated current | 1.5 A |
| Overvoltage category | II |
| Degree of pollution | 2 |
| Test voltage Core/Core | 1000 V |
| Test voltage Core/Shield | 1500 V |

Standards and Regulations

| | |
|--|-----|
| Halogen-free | yes |
| 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

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

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

| | | | |
|---------------|--|---|---------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335024 |
|---------------|--|---|---------------|

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|----------------|--|---|---------------|
| cUL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 335024 |
|----------------|--|---|---------------|

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

Accessories

Accessories

Data plug

RJ45 connector - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846



RJ45 connector, IP20, CAT6_A, 8-pos., with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors

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Accessories

RJ45 connector - CUC-IND-C1ZNI-S/R4IP10G8 - 1149847



RJ45 connector, IP20, CAT6_A, 8-pos., with IDC fast connection technology, for AWG 23 - 22 1-wire, 7-wire, and 19-wire conductors

RJ45 connector - CUC-IND-C1ZNI-S/R4IP8 - 1421126



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: straight, color: green, PROFINET

RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green, Ethernet

RJ45 connector - CUC-IND-C1ZNI-S/R4QV6 - 1406335



RJ45 connector, degree of protection: IP20, number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly, VARAN

RJ45 connector - CUC-IND-C1ZNI-T/R4IE8 - 1421877



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, Ethernet

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Accessories

RJ45 connector - CUC-IND-C1ZNI-B/R4IE8 - 1421876



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, Ethernet

RJ45 connector - CUC-IND-C1ZNI-B/R4QV6 - 1406338



RJ45 connector, degree of protection: IP20, number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly, VARAN

RJ45 connector - CUC-IND-C1ZNI-T/R4QV6 - 1406341



RJ45 connector, degree of protection: IP20, number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly, VARAN

RJ45 connector - CUC-IND-C1ZNI-B/R4IP8 - 1421127



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: angled, Ethernet/PROFINET

RJ45 connector - CUC-IND-C1ZNI-T/R4IP8 - 1421128



RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: angled, Ethernet/PROFINET
