

### Product data sheet Characteristics

# 40RJ45SMA6-RD

## Actassi RJ45 Cat6 Connector Unshielded 40 Mech - pk x 1



#### Main

| Wichin                      |  |
|-----------------------------|--|
| Range                       | Actassi  |
| Product type                | RJ45 network socket  |
| Device presentation         | Two piece design   |
| Colour tint                 | Stuffer cap: transparent (ABS + PC) IDC cover: blue (ABS + PC) Connector housing: red (ABS + PC) |
| Wiring Colour configuration | 568 A/B  |
| Quantity per set            | Set of 1   |

#### Complementary

| [In] rated current             | 1.5 A at 25 °C   |
|--------------------------------|--|
| Voltage proof                  | 1000 V AC/DC peak, between contacts                              |
| Contact resistance             | 20 mOhm  |
| Insulation resistance          | Initial insulation resistance: > 500 MOhm at 100 V DC            |
| AWG gauge                      | AWG 23AWG 24   |
| Durability                     | 750 cycles   |
| Coupling attenuation           | >= 35 dB at 30100 MHz<br>>= 75 - 20 x log(f) dB at 1001000 MHz   |
| Contact pins                   | 8 pins of copper alloy and gold plated conforming to IEC 60603-7 |
| Pulling force                  | 50 N during 60 s   |
| Transverse conversion loss     | >= 50 dB<br>>= 68 - 20 x log(f) dB at 1250000 kHz                |
| Tool type                      | Punch down tool Quick termination tool                           |
| Cable outer diameter           | 0.91.1 mm  |
| Compatible LAN cable types     | UTP  |
| Communication network category | 6  |
| Supported applications         | 1000BASE-T   |
| Protocols                      | PoE+ (Power over Ethernet) VoIP (Voice IP)                       |
| Product compatibility          | RJ45 plug  |
| Transmission frequency         | 0250 MHz   |
| Type of footprint              | 40 mech  |
| Height                         | 22 mm  |
| Length                         | 36 mm  |
| Width                          | 16 mm  |

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#### Environment

| Operational temperature range | -4070 °C            |  |
|-------------------------------|---------------------|--|
| Climatic category             | 40/070/21 (21 days) |  |
| Product certifications        | RCM                 |  |
| Standards                     | ANSI/TIA-568-C.2    |  |
|                               | AS/NZS 3080         |  |
|                               | AS/CA S008          |  |
|                               | ISO/IEC 11801       |  |
|                               | IEC 60603-7-4       |  |

#### **Packing Units**

| Package 1 Weight | 0.010 kg   |  |
|------------------|------------|--|
| Package 1 Height | 20.000 mm  |  |
| Package 1 Width  | 150.000 mm |  |
| Package 1 Length | 108.000 mm |  |

### Offer Sustainability

| EU RoHS Directive        | Not applicable, out of EU RoHS legal scope |
|--------------------------|--|
| Environmental Disclosure | Product Environmental Profile              |

#### Contractual warranty

| Warranty | 18 months |
|----------|-----------|
|          |           |