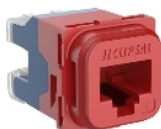


Product data sheet

Characteristics

40RJ45SMA6-RD

Actassi RJ45 Cat6 Connector Unshielded 40
Mech - pk x 1



Main

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 23...AWG 24
Durability	750 cycles
Coupling attenuation	>= 35 dB at 30...100 MHz >= 75 - 20 x log(f) dB at 100...1000 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 >= 68 - 20 x log(f) dB at 1...250000 kHz
Tool type	Punch down tool Quick termination tool
Cable outer diameter	0.9...1.1 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	0...250 MHz
Type of footprint	40 mech
Height	22 mm
Length	36 mm
Width	16 mm

Environment

Operational temperature range	-40...70 °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
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