



Main

Range	Actassi
Product or component type	RJ45 network socket
Type of footprint	DPM
Device presentation	Integrated one piece design
Communication network category	6
Cable shielding type	U/UTP
Communication network type	1000BASE-T
Communication port protocol	VoIP (Voice IP)
Colour tint	Connector : grey (ABS + PC) Wire organizer : blue (ABS + PC)
Colour code	568 A/B
Quantity per set	Set of 500
Length	27 mm
Width	16 mm
Height	31 mm

Complementary

Transmission frequency	0...100 MHz
Permissible voltage	1000 V AC/DC, peak, between contacts
[In] rated current	1.5 A @25 °C
Insulation resistance	Initial insulation resistance : ≤ 500 MOhm @100 V DC
Resistance	≤ 200 Ohm
Coupling attenuation	≥ 35 dB from 30...100 MHz $\geq 75 - 20 \times \log(f)$ dB from 100...1000 MHz
Transverse conversion loss	$\geq 68 - 20 \times \log(f)$ dB from 1...100000 kHz ≥ 50 dB
Pin number	8 pins in copper alloy and gold plated (IEC 60603-7)
Mechanical durability	750 cycles
AWG gauge	AWG 24...AWG 23
Cable outer diameter	0.9...1.4 mm
Pulling force	50 N during 60 s

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environment

Ambient air temperature for operation	-40...70 °C
Environmental characteristic	PEP (Energy depletion) REACH
Climatic withstand	40/070/21 (21 days)

Contractual warranty

Warranty period	18 months
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