

Product Datasheet

Characteristic

VDIB1772XB01

Actassi S-One Connector RJ45 Shielded
Cat 6_A bag of 1



Main

Range	Actassi
product or component type	RJ45 network socket
device presentation	Integrated one piece design
Colour tint	Connector: silver (zamak) Wire organizer: dark blue (ABS + PC)
Colour code	568 A/B
Type of packing	Individual bag
Quantity per set	Set of 1

Complementary

[In] rated current	1.5 A at 25 °C
Permissible voltage	1000 V AC/DC peak, between contacts 1500 V AC/DC peak, between contacts and shield
Contact resistance	20 mOhm
Insulation resistance	Initial insulation resistance: >= 500 MOhm at 100 V DC
AWG gauge	AWG 24...AWG 23
Mechanical durability	750 cycles
Coupling attenuation	>= 45 dB at 30...100 MHz >= 85 - 20 x log(f) dB at 100...1000 MHz
Pin number	8 pins of copper alloy and gold plated conforming to IEC 60603-7
Protection type	Metallic: 360° self adjusting + drain wire contact Integrated short circuit barrier
Pulling force	50 N during 60 s
Transfer impedance	<= 0.1 Ohm at 1 MHz <= 0.2 Ohm at 10 MHz <= 1.6 Ohm at 80 MHz
Transverse conversion loss	>= 50 dB >= 68 - 20 x log(f) dB at 1...500000 kHz
Tool type	Without tool
Cable outer diameter	0.9...1.4 mm
Cable shielding type	STP
communication network category	6_A
Communication network type	10GBASE-T
Communication port protocol	VoIP (Voice IP) PoE+ (Power over Ethernet)

	4PPoE 100W (Power over Ethernet)
Transmission frequency	0...500 MHz
Type of footprint	S-One
Height	28 mm
Length	35 mm
Width	18 mm
targeted region	Europe

Environment

Ambient air temperature for operation	-40...70 °C
Climatic withstand	40/070/21 (21 days)
Flame retardance	UL94-V0
Standards	ANSI/TIA-568-C.2 IEC 60603-7-5 ISO/IEC 11801:2011 Ed.2.2 UL 1863

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	7.0 cm
Package 1 Length	6.0 cm
Package 1 Weight	32.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	7.0 cm
Package 2 Width	13.0 cm
Package 2 Length	19.0 cm
Package 2 Weight	385.0 g
Unit Type of Package 3	S03
Number of Units in Package 3	160
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	7.0 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China RoHS Regulation	X
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP110122EN
Circularity Profile	N/A