VOYGAR
QUALITY IS OUR CONCERN

VOYGAR Cat6, STP Keystone Jack, 180 degree Tool less

Ref. K6ES80TS



Features & Benefits

- Quick and easy to install
- Snap-fit to terminate
- Suitable for all standard Keystone applications
- Integrated cable tie position
- Cat6 hardware performance
- T568A and T568B colour coded wiring terminals

General Specifications

Type of footprint	Keystone
Design	RJ45, 90degree Tool-less Keystone Jack
Connector type	RJ45
Category	Cat6
Shielding	Shielded
Width	16 mm
Depth	28.65 mm
Height	20.9 mm
Mounting Whole Size	16.10 mm x 14.55 mm
IDC Labels Colour coded to	T568A and T568B
IDC Blocks	IDC
Colour	Silver

Complementary

Retention	50N
Current rating	1.5 AMP
Contact resistance	20 mΩ Max.
Insulation resistance	500MΩ Min. @ 100VDC
Dielectric strength	1000V AC RMS 60Hz 1MIN

Mechanical Performance

Housing material	Zinc Alloy
Insert material	PC+20%GF UL94V-0
PCB material	FR4, 1.6mm Thickness
Contact material	50 min Gold plated over70-100min nickel Phosphor bronze
Wire AWG	22 ~ 24
Jack insertion life	>750 mating cycles
IDC insertion life	>250 mating cycles

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Environment

Operating Temperature Range	-10 to +60°C
Storage Temperature Range	-40 to +70°C
Flame retardance	UL 94 V-0

Applications

ISDN
Ethernet 10 BaseT
Fast Ethernet 100 BaseTX
Gigabit Ethernet 1000 BaseT
Gigabit Ethernet 1000 BaseTX
Token Ring 4/16 Mbit/s
ATM 155 Mbit/s
VoIP (Voice over IP)
PoE (Power over Ethernet)

Standards

UL / cUL / DELTA EC
ANSI/TIA-568.C.2:2009
ISO/IEC 11801:2011 (Ed 2.2) Class E
CENELEC EN 50173-1:2011
ANSI/TIA-1096-A (formerly FCC Part 68)
IEC 60603-7-4
ROHS Complaint