

Category 6A Shielded Keystone Outlet



Cat6A Keystone Outlet 180°, RJ45 confirm to Class EA performance. The Press-Fit technology is able to complete the insertion of the IDC and RJ-45 contacts into a PTH (Plated-Through Hole) on a PCB (Printed Circuit Board). The connection is established without using solder. Press-Fit technology connections avoid quality problems such as cold spots, voids, splatters, and cracks and its highly reliable than soldering. Press-Fit technology does not use solder, it uses no lead (Pb) and there is no extra heat on the Connections, it makes the connections clean, reliable, and meets RoHS standards.

Features

- New press fit technology with fully RoHS Compliant (No Solder –No Leads)
- No punch down tool required for installation
- 180-degree design.
- Die-cast housing provide EMI, RFI and excellent AXT suppression.
- Provides excellent work in suppressing internal magnetic coupling up to bandwidth of 500MHz.
- ANSI/TIA 568.D-2
- IEC/ISO 11801, IEC 60603-7-41

Mechanical Specifications

Type	: Shielded
Shield Material	: Zinc alloy
Contact Material	: Phosphor Bronze, Tin (8Pins- Gold Plating)
Plastic Housing	: PC UL94V2
Plug Insertion Life (RJ45 Contacts)	: ≥ 750 Cycles
Plug and Jack Contact force	: ≥ 100 Grams with FCC Compliant RJ-45 plug
Plug retention Force	: ≥ 11lbf
Durability (IDC Life)	: 200 termination cycles
Plastic Parts type	: High impact flame retardant plastic
PCB Material & Thickness	: FR-4,1.2mm thickness
Jack wire material and thickness	: 0.35mm Phosphor bronze gold over nickel plating
IDC Conductor	: 0.5mm Phosphor bronze , Tin-plating
Contact Compatibility	: Accommodates 23 to 26AWG solid
Design	: 180 degree

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Electrical Specifications

Insulation Resistance	:	≥ 500mΩ
Contact Resistance	:	≤10mΩ
Current rating	:	1.5 Amps
DC Resistance	:	≤ 0.1Ω
DC/AC Volt Endurance	:	DC1000V/AC750V 1min
Wiring Pattern at rear end	:	T568A & T568B
Minimum Return loss	:	14
Maximum Insertion loss	:	0.45
Minimum NEXT loss	:	34
Minimum FEXT loss	:	29.1
Minimum TCL	:	14
Minimum TCTL	:	14
Propagation Delay	:	<2.5 ns
Propagation Delay Skew	:	<1.25 ns
Minimum PSANEXT loss	:	56.5
Minimum PSAFEXT loss	:	53

Environmental Specifications

Operating Temperature	:	-10°C to + 60°C
Storage Temperature	:	-40°C to + 68°C
Operating Humidity	:	10% to 90% PH

Regulatory Compliances/Certifications

- ETL Verified
- UL Verified
- RoHS Certified

Ordering Information

Product Code
12319

Description
Tool-less Keystone Shielded Outlet, 180DG C6A