

ZORA Cat 5e Shielded Modules

ZORA Cat 5e shielded modules are used in data network communications, telecommunication rooms, with information outlet panels or desktop boxes, etc. in the work area.



ZORA Cat 5e Shielded Module Features

- 1、Designed according to international standards ISO/IEC11801, ANSI/TIA-568-2.D, with excellent performance and reliability;
- 2、The 8 gold needles inside the module are gold-plated on the surface as a whole to ensure that the minimum contact resistance and the longest service life are achieved;
- 3、The use of brass nickel-plated shell to achieve a 360-degree all-round shielding, to ensure the safety of information transmission and performance;
- 4、Transmission bandwidth 100MHz;
- 5、Special internal and external design, internal gold needle cross structure makes the elasticity is very good, even if the user is frequently connected and plugged in, but also can maintain good contact.

Reference Standard

- ANSI/TIA 568.2-D
- ISO/IEC 11801

Technical Specifications

Construction	
Body	
Connector Housing	High-impact, Flame Retardant Plastic
Standard	UL94V-0 rated
Front Connection	
Contact Type	Spring Wire
Material	Phosphor Bronze Alloy
Contact Plating	Nickel plated 100μinch, then gold plated 50μinch
Shielding	Zinc Alloy Fully Shielded
Rear Terminals	
Terminal Type	IDC
Material	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

Physical Ranges	
Temperature Range	Storage : -40 to +70°C Operational : -10 to +60°C
Relative Humidity	Operational : Max. non-condensing 93%
Retention	50N (11 lbs) for 60s ± 5s
Insertion/Extraction Life	≥750
No. of IDC Terminations	≥200
Insertion/Extraction Strength	≥800grams

Electrical	
Insulation Resistance	500 MΩ min.@ 100V d.c
Dielectric Withstanding Voltage	1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.
Spring Wire Contact Resistance	20 mΩ Max
Voltage/Current Rating	150VAC/1.5A
IDC Contact Resistance	2.5 mΩ Max