

ZORA Cat 6A Shielded Module

ZORA Cat 6A Shield Modules are used in data network communications, telecommunication rooms, with information outlet panels or desktop boxes, etc. in the work area.



ZORA Cat 6A Shielded Module Features

- 1、 Designed according to international standards ISO/IEC11801, ANSI/TIA-568-2.D, with excellent performance and reliability;
- 2、 The whole surface of 8 gold needles in the module is gold-plated, which ensures to reach the minimum contact resistance and the longest service life;
- 3、 The overall metal die-casting, 360 ° full shielding, to ensure the safety of information transmission and performance;
- 4、 Transmission bandwidth can reach 500MHz;
- 5、 The internal gold needle cross structure makes the elasticity is very good, even if the user frequently connects and plugs, but also can maintain good contact;
- 6、 It is installed in a wire-free way, which is more convenient and quicker.

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	Integral metal die-casting molding
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