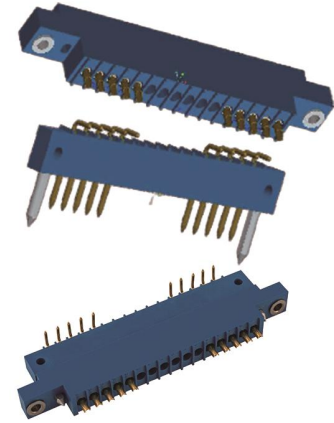


# 16 core PCB connectors

## Product Introduction

16-core PCB connector, as a specific specification of electronic connector, is mainly used to connect the circuit parts on the printed circuit board (PCB) together to achieve signal transmission and circuit interconnection. Aupins specializes in the production of PCB connector and other equipment, one-stop procurement and supplemented by expert technical support, to provide customers with high-quality PCB connectors, reliable quality.



## Product Features

- Strong transmission capacity
- Reliable plug-in and pull-out
- Compact structure, easy installation
- Good environmental resistance

## Technical performances

### 01 Mechanical Performance

Mechanical life	10000 times
Flame retardant grade	UL94V-0
Conductor plating	0. 25μm of gold over nickel
Plastic material	PSU with glass fiber blue
Insulation material	PPS
Adapter wire	max AWG16

### 02 Environmental performance

Working temperature	-40°C~125°C
Damp heat test	+40°C @ 93% relative humidity 56 days
Wire connection method	soldering

### 03 Electrical performance

Rated current	8A
Peak current	16A
Dielectric withstand voltage	500VDC ((between adjacent terminals)

## Performance Specifications

16 core connector (PCB)				
Code	Type	Pin diameter (mm)	Current (A)	Pin Properties
10001	AP-AHTB-PCBM	1.5	8-16	Male
10002	AP-AHTB-PCBF	3	8-16	Female