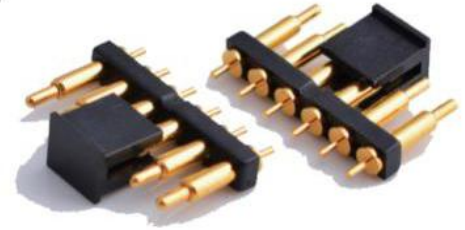


AUPINS Pogopin

Hypertac Hyperboloid Contact

The AUPINS Pogopin Hypertac Hyperboloid Contact is a High reliable and high precision electrical connector metal part designed for electric connect power supply applications. It is widely used in electrical connections, high precision Power supply in the industry of military scenario. Engineered for durability and efficient conductivity, it ensures stable electrical transmission for the power source components. The power range could reach 1A MAX, DC 12V.



Parameter

AUPINS Pogopin Hypertac Hyperboloid Contact	
Category	Specification
Product Name	AUPINS Pogopin Hypertac Hyperboloid Contact
Connector Type	Male Pin / Female Pin
Mounting Method	PCB Soldering / Through-hole / Custom
Application Standard	GB/T 20234.2-2015 or other international standard
Electrical Performance	
Rated Voltage	DC 12V (application-dependent)
Rated Current	1A MAX, DC 12V
Contact Resistance	≤ 0.5 mΩ
Insulation Resistance	≥ 1000 MΩ
Withstanding Voltage	N/A
Insertion & Extraction Life	≥ 1,000 cycles
Temperature Rise	N/A
Mechanical Performance	
Contact Material	Copper alloy, silver-plated
Plating	Gold or silver 1.27 micro-inch minimum Au over 50~100 micro-inch nickel
Fixing Type	PCB fixed / screw locking / snap-fit optional/Plastic Mold
Insertion Force	N/A
Extraction Force	N/A
Environmental & Safety	
Operating Temperature	-40°C to +125°C
Vibration Resistance	High – designed for industrial vibration conditions
Impact Resistance	Excellent – designed for repeated mechanical operation
Protection Rating	N/A (Depends on housing and integration)
Certifications	CE, TUV,GB/T compliant