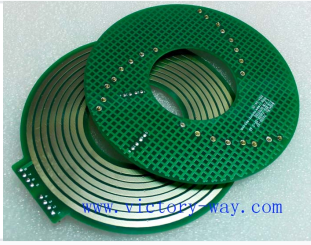
PCB Slip Ring for Automation

The PCB slip ring features a two-part structure consisting of a ring surface and brush assembly. It offers advantages such as rapid batch processing, low cost, minimal contact resistance, self-lubrication, and ease of installation.

ADDITIONAL IMAGES



Product Overview

High-Performance PCB Slip Ring

This PCB slip ring is designed as a separate, low-cost solution ideal for intermittent operation environments. Featuring a thick copper PCB surface with hard gold plating, it offers superior hardness and wear resistance. The assembly utilizes military-grade alloy brush blocks and heat-treated beryllium copper shrapnel to ensure low contact resistance and self-lubricating performance.

Technical Construction

Key Performance Characteristics

- Low contact resistance
- Self-lubricating
- Minimal friction dust generation
- High wear resistance

Contact Materials	Thick Copper PCB, Hard Gold Plating, Military Grade Alloy Brush, Heat-Treated Beryllium Copper

Operational Suitability

Ideal Applications

Robotics • Automation Systems • Rotary Machinery • Intermittent Operation

Installation & Logistics

- Separate structure design
- Easy to install
- Short delivery lead times
- Simple customization process