MPCB02

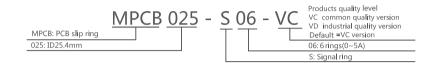
MPCB Series PCB Slip Ring

MPCB025 Series PCB Slip Ring

MPCB025 ultrathin pancake series slip ring, adopt PCB substrate, thickess can up to 5.8 mm, which made of super hard gold plating, super thick copper foil process, maximum current can up to 10A, color-coded lead wires are used on both the stator and rotor for simplified electrical conenctors.



Part# Explanation

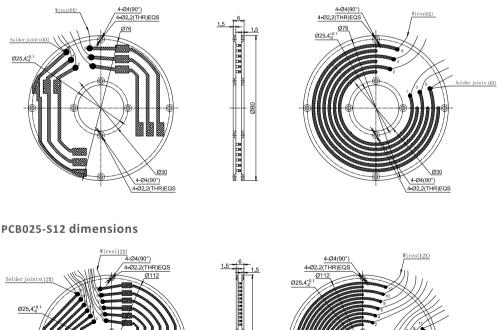


Parts# List

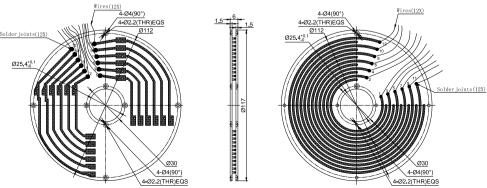
MPCB025 Series Parts# List									
Part# 10A Signal or 5A			Rings	Part#	Signal or 5A Rings				
MPCB025-S06	MPCB025-S06 0 6		6	MPCB025-S12	0	12	12		

Note:1) N channels 5A rings parallel can be used as 1 channel N*5A current. For example: 2 rings 5A parallel could be used as 1 wires 10A 2) ID and circuits can be customized according to customers' requirements, plz contact with sales representative

1. MPCB025-S06 dimensions



2. MPCB025-S12 dimensions



Specifications

Ν	/lechanical Data	Electrical Data				
Parameter	Value	Parameter	Value			
Working Life	See Product Quality Level Table		Power	Signal		
Rotating Speed	See Product Quality Level Table	Rated Voltage	0~440VAC/VDC	0~240VAC/VDC		
Working Temperature	-30°C~80°C	Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC		
Operating Humidity	0~85% RH	Lead Wires	AWG16#Silicone Wire	AWG22#Silicone Wire		
Contact Material	See Product Quality Level Table	Lead Length	Standard 300mm (adjustable)			
Contact Material	Aluminum alloy	Dielectric Strength	500VAC@50Hz , 60s			
Torque	0.05N.m ; +0.03N.m/6rings	Electrical Noise	<0.01Ω			
Protection Grade	IP41					

Product Quality Level Table

Products Level Code	Max Rotating Speed	Working Life	Contact Material
VC	100RPM	5 Million Revs	Precious Metal
VD	300RPM	20 Million Revs	Gold-Gold

Lead Wires Color Code

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

(6 wires for 1 group color, from 7-12, repeat the same color as 1...6, indicated with number code pipe).

Options for custom slip ring

Note : The following special requirements can be customized, lead time will increase 3 ~ 15 days, cost increased 5% ~ 50%, most of basic parts have standardized, modular, customized also can greatly reduce the cost and lead time.

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- 1) Can be customized for different bore size.
- 2) Can be customized for different circuits.
- 3) Can add housing for protection



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