### Mercury(Brushless) slip rings

MOFLON

### Mercury(Brushless) slip rings

### MR series(Insertion plug-type,Brushless)

Insertion plug-type slip rings, Conducted by Mercury, Anti-jamming.

- Brushless,Longer working life.
- < 1mOhm contact resistance
- More durable than traditional slip rings
- Much higher rotating speed
- Much Larger current, Support max up to 1500A for 1wires



MODEL#	OD*LENGTH (MM)	CURRENT	MAX SPEED
MR110	14.3mm*16.8mm (0.56"*0.66")	10A each @ 1 pole	3600RPM
MR110T	14.3mm*16.8mm (0.56"*0.66")	10A each @ 1 pole	3600RPM
MR120	14.3mm*16.8mm (0.56"*0.66")	20A each @ 1 pole	2000RPM
MR1250	31.6mm*27.9mm (1.24"*1.1")	250A each @ 1 pole	1200RPM
MR1650	45mm*29mm (1.77"*1.14")	650A each @ 1 pole	200RPM
MR11500	50mm*29mm (1.97"*1.14")	1500A each @ 1 pole	100RPM
MR204	14.3mm*16.8mm (0.56"*0.66")	4A each @ 2 poles	2000RPM
MR230	25.3mm*27.9mm (1"*1.1")	30A each @ 2 poles	1800RPM
MR304	14.3mm*17mm (0.56"*0.67")	4A each @ 3 poles	1800RPM
MR330	31.6mm*27.9mm (1.24"*1.1")	30A each @ 3 poles	1200RPM
MR404	31.6mm*27.9mm (1.24"*1.1")	4A each @ 4 poles	1000RPM
MR130204	25.3mm*27.9mm (1"*1.1")	30A each @ 1 poles + 4A each @ 2Poles	1800RPM
MR230204	31.6mm*27.9mm (1.24"*1.1")	30A each @ 2 poles + 4A each @ 2Poles	1200RPM
MR430204	39.9mm*29mm (1.57"*1.14")	30A each @ 4 poles + 4A each @ 2Poles	300RPM
MR630204	45mm*29mm (1.77"*1.14")	30A each @ 6 poles + 4A each @ 2Poles	200RPM



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### MOFLON

#### MR110 - MR SERIES

### **MR110 Slip Rings**

Mr110 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

#### **Specifications**

PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)		
MR110	10A each @ 1pole	-	100Mhz	3600RPM	0.035N.m	<1mΩ	60/-30		
Part# MR110 Dimensions and Mounting									

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### ● Mounting 安裝



Holding by electric wire 以電線拉住

# MR110T - MR SERIES

### **MR110T Slip Rings**

Mr110T slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications										
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)			
MR110T	10A each @ 1pole	-	100Mhz	3600RPM	0.035N.m	<1mΩ	60/-30			
Part# MR110 Dimensions and Mounting										









### MOFLON

#### MR120 - MR SERIES

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### **MR120 Slip Rings**

MT120 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard,off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

#### Specifications

PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)		
MR120	20A each @ 1pole	-	100Mhz	2000RPM	0.035N.m	<1mΩ	60/-30		
Part# MR110 Dimensions and Mounting									

### MR1250 - MR SERIES

### **MR1250 Slip Rings**

MT1250 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings Much higher rotating speed
- **Specifications** VOLTAGE (VAC/VDC) PART# CURRENTA MR1250 250A each @ 1pole \_ Part# MR110 Din









MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)
100Mhz	1200RPM	0.25N.m	<1mΩ	60/-30
ensions	s and M	ounting	9	

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#### MR1650 - MR SERIES

### MR1650 Slip Rings

MT1650 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

#### **Specifications**

PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)
MR1650	650A each @ 1pole	-	100Mhz	200RPM	1N.m	<1mΩ	60/-30
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### Part# MR110 Dimensions and Mounting









# MR11500 - MR SERIES

### **MR11500 Slip Rings**

MT11500 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
  - Much higher rotating speed

Specifications									
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)		
MR11500	650A each @ 1pole	-	100Mhz	200RPM	1N.m	<1mΩ	60/-30		
Part# MR110 Dimensions and Mounting									







### MOFLON

### MR204 - MR SERIES

### MR230 - MR SERIES

### MR204Slip Rings

MT204 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

#### **Specifications**

PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)		
MR204	4A each @ 1pole	-	100Mhz	2000RPM	0.075N.m	<1mΩ	60/-30		
Part# MR110 Dimensions and Mounting									





- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p> More durable than traditional slip rings

**MR230 Slip Rings** 

Much higher rotating speed

Specifications										
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)			
MR230	4A each @ 1pole	-	100Mhz	1800RPM	0.2N.m	<1mΩ	60/-30			
	Part# MR <sup>·</sup>	110 Dim	ension	s and M	ountin	9				





MT230slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.



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#### MR304 - MR SERIES

### MR304Slip Rings

MT304 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specificat	tions						
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)
MR304	4A each @ 1pole	-	100Mhz	1800RPM	0.1N.m	<1mΩ	60/-30
	Part# MR	110 Dim	ansion	s and M	ountin		

#### Part# MR110 Dimensions and Mounting





### MR330 - MR SERIES

### **MR330Slip Rings**

MT330 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications										
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)			
MR330	4A each @ 1pole	-	100Mhz	1800RPM	0.1N.m	<1mΩ	60/-30			
	Part# MR	110 Dim	ension	s and M	ounting	9				







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#### MR404 - MR SERIES

### **MR404 Slip Rings**

MT404 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications										
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)			
MR404	4A each @ 1pole	-	100Mhz	1800RPM	0.1N.m	<1mΩ	60/-30			
	Part# MR <sup>4</sup>	110 Dim	ension	s and M	ounting	9				

### MR130204 - MR SERIES

### MR130204Slip Rings

MT130204 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications								
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)	
MR130204	4A each @ 1pole	-	100Mhz	1800RPM	0.1N.m	<1mΩ	60/-30	
	Part# MR <sup>4</sup>	110 Dim	ension	s and M	ountin	9		







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#### MR230204 - MR SERIES

### MR230204Slip Rings

MT230204 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

#### **Specifications**

PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	TEMP. (°C)	
MR230204	4A each @ 1pole	-	100Mhz	1200RPM	0.2N.m	<1mΩ	60/-30	
Part# MR110 Dimensions and Mounting								





MR430204 - MR SERIES

## MR430204Slip Rings

MT430204 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard,off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications									
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)		
MR430204	4A each @ 1pole	-	100Mhz	300RPM	0.4N.m	<1mΩ	60/-30		
Part# MR110 Dimensions and Mounting									





#### MR630204 - MR SERIES

### MR630204Slip Rings

MT630204 slip rings are insertion plug-type slip rings, Conducted by Mercury, are standard, off-the-shelf slip rings, available in stock.

- Anti-jamming.
- Longer working life.
- < 1mOhm contact resistance</p>
- More durable than traditional slip rings
- Much higher rotating speed

Specifications							
PART#	CURRENTA	VOLTAGE (VAC/VDC)	MAX FREQ (MHZ)	MAX SPEED RPM	TORQUE (N.M)	NOISE (MΩ)	ТЕМР. (°С)
MR630204	4A each @ 1pole	-	100Mhz	200RPM	1N.m	<1mΩ	60/-30
	Part# MR <sup>4</sup>	110 Dim	ensions	s and M	ounting	9	





16