

MOS05 Series Overview

Description

MOS05 was a standard miniature slip ring, diameter 6mm, length can be 11.4mm, compact design with gold contact, can top to 8 circuits, high performance color lead wire. Perfect for transfer precision signal, low current. Small torque, low noise and loss, non-maintenance.



Features

- 4, 6, 8 circuit models
- Gold-on-gold contacts
- Flexible, color-coded, silver-plated, Teflon® insulated lead wires
- Transfers analog and digital signals

Typical Applications

- CCTV pan / tilt camera mounts
- Electrical test equipment
- Manufacturing and process control equipment
- Exhibit / display equipment
- UAV

Specifications

Item	
Operating Speed	Max. 150 RPM*
Number of Circuits	4~8 wires
Lead Wire	AWG30# Teflon, 300mm
Voltage	240V AC/DC
Operating Temperature	-20 ℃ to 60 ℃
Current Rating	Signal / 1A circuits
Noise	<0.01Ω
Torque	0.02N.m
Housing Material	Plastic
Protection Grade	IP51

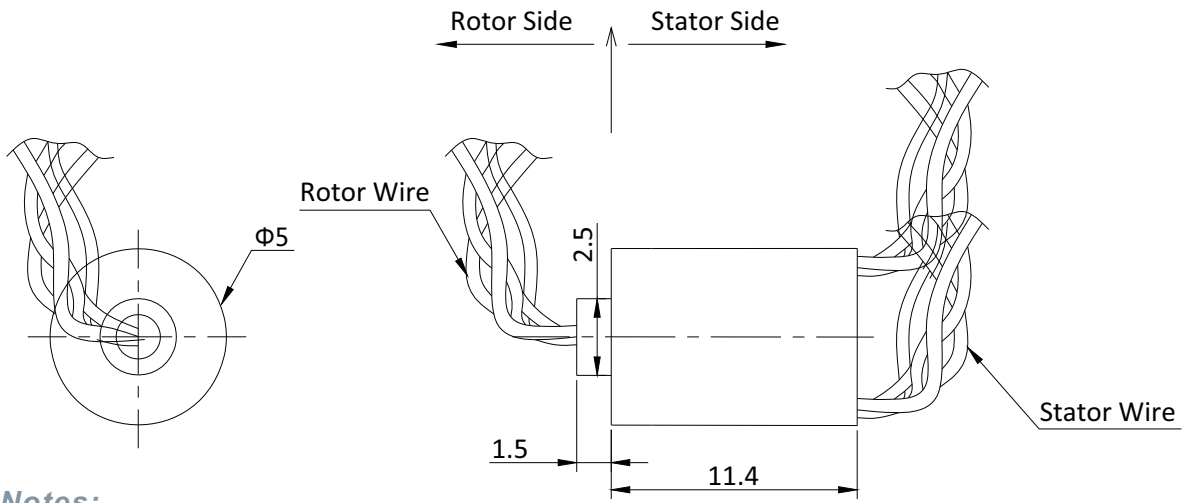
* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

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MOS05 Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part# List

Model#	Power Circuits(5A/10A)	Signal (1A)	Voltage(V)	OD(mm)	Length(mm)
MOS05-S04	-	4	240	5	11.4
MOS05-S06	-	6	240	5	11.4
MOS05-S08	-	8	240	5	11.4

Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Signal / 1A, AWG30#	7	BLU	Signal / 1A, AWG30#
2	BRN		8	VIO	
3	RED		9	GRY	
4	ORN		10	WHT	
5	YEL		11	PINK	
6	GRN		12	SOFT-BLU	

MOS06 Series Overview

Description

MOS06 was a standard miniature slip ring, diameter 6mm, length can be 11.4mm, compact design with gold contact, can top to 8 circuits, high performance color lead wire. Perfect for transfer precision signal, low current. Small torque, low noise and loss, non-maintenance.



Features

- 4, 6, 8 circuit models
- Gold-on-gold contacts
- Flexible, color-coded, silver-plated, Teflon® insulated lead wires
- Transfers analog and digital signals

Typical Applications

- CCTV pan / tilt camera mounts
- Electrical test equipment
- Manufacturing and process control equipment
- Exhibit / display equipment
- UAV

Specifications

Item	
Operating Speed	Max. 150 RPM*
Number of Circuits	4~8 wires
Lead Wire	AWG30# Teflon, 300mm
Voltage	240V AC/DC
Operating Temperature	-20 ℃ to 60 ℃
Current Rating	Signal / 1A circuits
Noise	<0.01Ω
Torque	0.02N.m
Housing Material	Plastic
Protection Grade	IP51

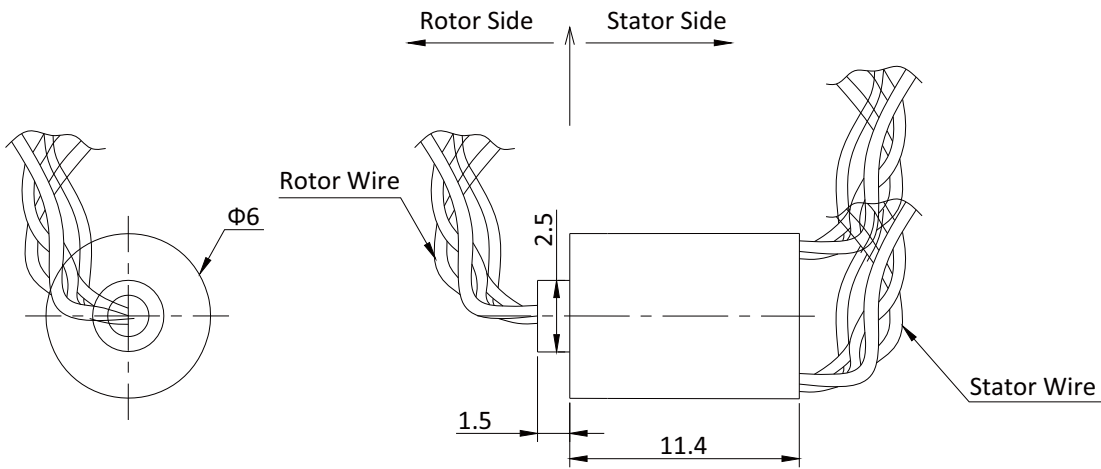
* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

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MOS06 Series Dimensions



Notes:

1. Drawings not actual size, dimensions are in millimeters

Part# List

Model#	Power Circuits(5A/10A)	Signal (1A)	Voltage(V)	OD(mm)	Length(mm)
MOS06-S04	-	4	240	6	11.4
MOS06-S06	-	6	240	6	11.4
MOS06-S08	-	8	240	6	11.4

Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Signal / 1A, AWG30#	7	BLU	Signal / 1A, AWG30#
2	BRN		8	VIO	
3	RED		9	GRY	
4	ORN		10	WHT	
5	YEL		11	PINK	
6	GRN		12	SOFT-BLU	

MOS08 Series Overview

Description

MOS08 was a standard miniature slip ring, diameter 8.5mm, length can be from 8.9mm to 14.5mm, compact design with gold contact, can top to 12 circuits, high performance color lead wire. Perfect for transfer precision signal, low current. Small torque, low noise and loss, non-maintenance.



Features

- 4, 6, 8, 12 circuit models
- Gold-on-gold contacts
- Flexible, color-coded, silver-plated, Teflon® insulated lead wires
- Transfers analog and digital signals

Typical Applications

- CCTV pan / tilt camera mounts
- Electrical test equipment
- Manufacturing and process control equipment
- Exhibit / display equipment
- Medical equipment

Specifications

Item	
Operating Speed	Max. 150 RPM*
Number of Circuits	4~12 wires
Lead Wire	AWG30# Teflon, 300mm
Voltage	240V AC/DC
Operating Temperature	-20 ℃ to 60 ℃
Current Rating	Signal / 1A circuits
Noise	<0.01Ω
Torque	0.02N.m
Housing Material	Plastic
Protection Grade	IP51

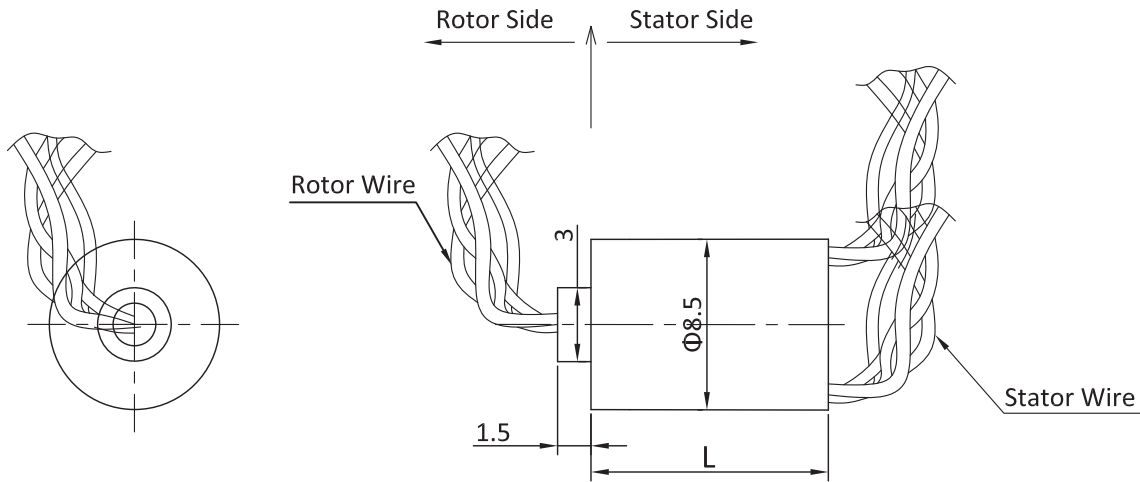
* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

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MOS08 Series Dimensions

**Notes:**

1. Drawings not actual size, dimensions are in millimeters

Part# List

Model#	Power Circuits(5A/10A)	Signal (1A)	Voltage(V)	OD(mm)	Length(mm)
MOS08-04	-	4	240	8.5	8.9
MOS08-06	-	6	240	8.5	11.4
MOS08-08	-	8	240	8.5	11.4
MOS08-12	-	12	240	8.5	19.1

Lead wire color code(From the rotor)

Ring#	Color	Description/AWG	Ring#	Color	Description/AWG
1	BLK	Signal / 1A, AWG30#	7	BLU	Signal / 1A, AWG30#
2	BRN		8	VIO	
3	RED		9	GRY	
4	ORN		10	WHT	
5	YEL		11	PINK	
6	GRN		12	SOFT-BLU	