

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

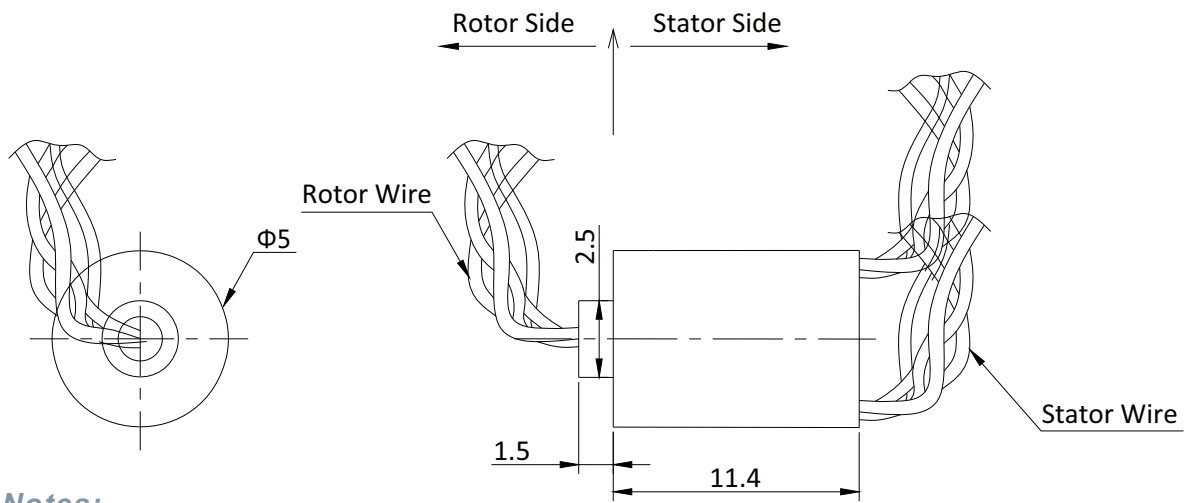
* Please note that the operational life of the unit is dependent upon rotational speed, environment and temperature

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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	