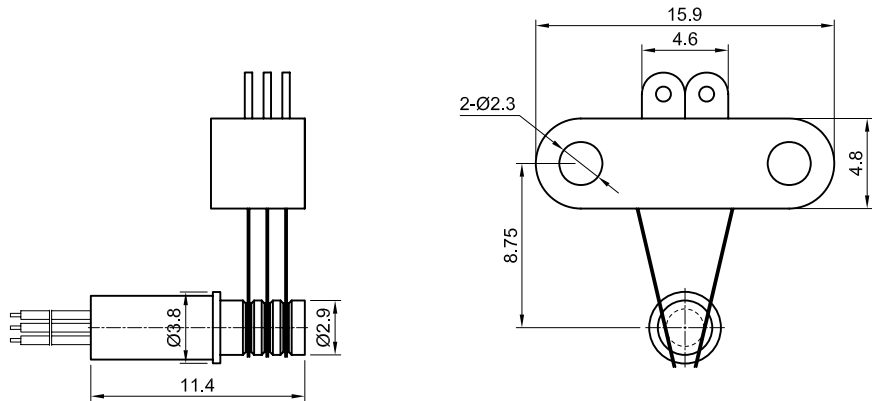
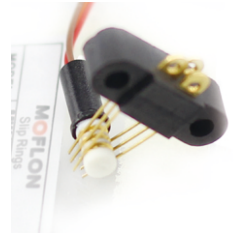


MSP103 Separated slip ring

3 rings*1A

MSP103 split slip ring is a kind of miniature slip ring, the use of separate rotor and contact brush combination, support 3 letters no. / 1A, stator and rotor lines corresponding to the use of 3-color color wire, so that the circuit connection is simplified. Conductive ring with 90 degree angle Vslot design, with smooth rotation, low torque and low electrical noise characteristics, which performance beyond the ordinary slip ring products.



MSP1039 is MSP103 high-end version, which is used for military, aerospace, etc., differences as below

Parts#	Max working speed	Working life	Torque	Electrical noise①@10Rpm
MSP103	250RPM	20 million	0.02 N•m	10mΩ
MSP1039	1000RPM	100 million	0.005 N•m	4mΩ

Part# Explanation

MSP103 Part# Explanation		
Parts#	Signal or 1A	Products Level
MSP103	3	Common quality
MSP1039	3	High-end quality

Specifications

Electrical data			Mechanical data	
Parameter	Value		Parameter	Value
	Power	Signal	Working temperature	-30°C~80°C
Rated Voltage	0~210VAC/VDC	0~210VAC/VDC	Operating Humidity	0~85% RH
Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC	Contact Material	Gold-Gold
Lead Wires	AWG26#Teflon	AWG26#Teflon	Torque	IP41
Lead Length	Standard 300mm (Can be extend)			
Dielectric Strength	500VAC@50Hz , 60s			
Electrical Noise	<0.01Ω			

Lead Wires Color Code

Ring	1	2	3
Code	BLK	紅	YEL