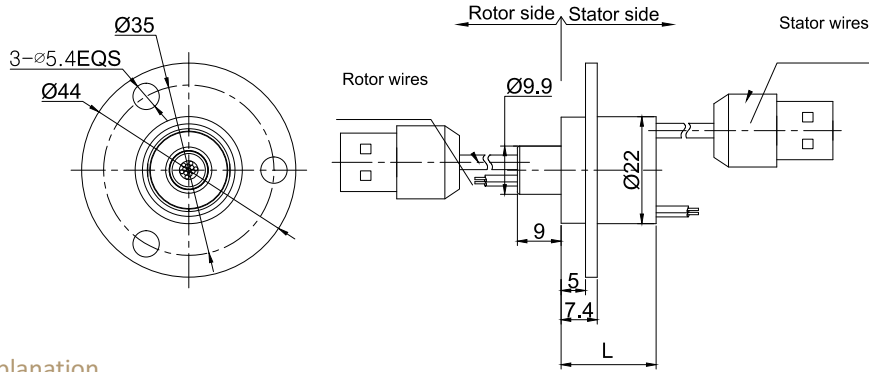


MUSB1221 (1 Channel USB slip Rings)

1 channel USB + 1~32 wires power/signal

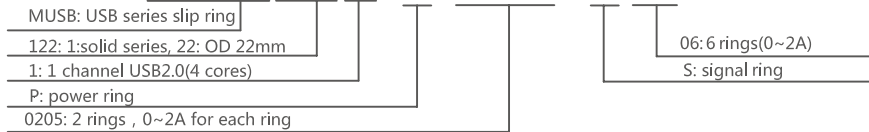
MUSB1221 USB series slip ring , solid flange design , OD 22mm, supporting 1 channel USB1.0/2.0, can transmit power and signal.

It can transmit signal stably and has low insertion loss. Using military depositing technique, precious metal and super hard gold-plated processing, it has minimum BER error rate and high signal-to-noise ratio(SNR)



Part# Explanation

MUSB1221 - P 02 02 - S 06



Parts# List

MUSB1221 1 channel USB series part#list				
Part#	USB channel	5A	Signal or 2A	Length(mm)
MUSB1221-S02	1	0	2	19
MUSB1221-S08	1	0	8	26
MUSB1221-S14	1	0	14	33
MUSB1221-S20	1	0	20	43.6
MUSB1221-S32 *	1	0	32	57.3

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) 10A, 20A, 5A can be combined according to your requirements, please contact customer service for more details.
 3) Please contact customer service for drawing (marked by asterisks "**").

Specifications

USB Specifications			Mechanical Data	
Parameter	Value		Parameter	Value
USB	USB1.0, USB2.0		Working Life	10 million
Connector	USB TYPE-A female connector		Rotating Speed	250RPM
BER	10E-11		Working Temperature	-30°C~80°C
Electrical Data			Operating Humidity	0~85% RH
Parameter	Value		Contact Material	Gold-Gold
	Power	Signal	Housing Material	Aluminium Alloy
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC	Torque	0.1N.m ; +0.03N.m/6rings
Insulation Resistance	≥1000MΩ/500VDC	≥1000MΩ/500VDC	Protection Grade	IP51
Lead Wires	AWG28#Teflon	AWG28#Teflon		
Lead Length	Standard 300mm (adjustable)			
Dielectric Strength	500VAC@50Hz , 60s			
Electrical Noise	<0.01Ω			

Lead Wires Color Code

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

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