



COAXIAL SWITCH

SP8T DC-18GHz Normally Open

Features

- ✓ Frequency up to 18 GHz
- ✓ Low Insertion Loss
- ✓ High Life Cycle



PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
MVE9820	MVE9820-18	MVE9820-24	MVE9820-28
DC 12V	DC 18V	DC 24V	DC 28V
260mA	170mA	130mA	100mA

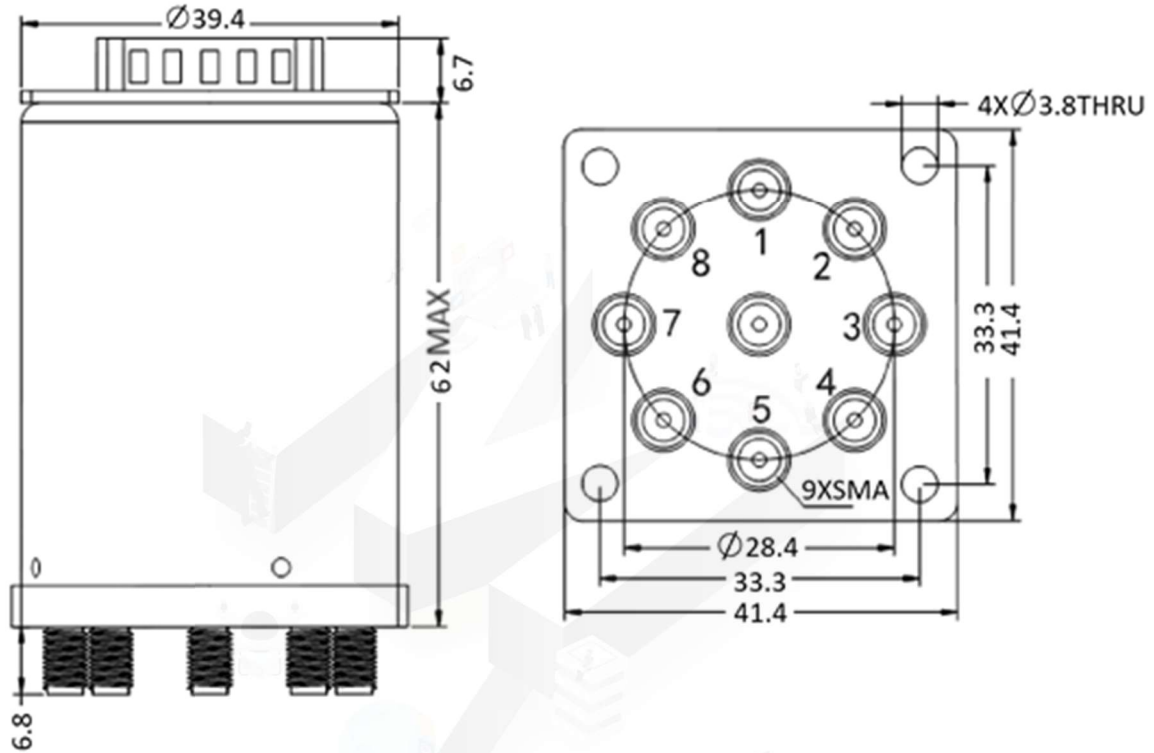
SPECIFICATIONS

RF CHARACTERISTICS				
FREQUENCY RANGE	DC-4Hz	4-8GHz	8-12GHz	12-18GHz
VSWR MAX.	1.2:1	1.3:1	1.4:1	1.6:1
INSERTION LOSS MAX.	0.2dB	0.3dB	0.4dB	0.6dB
ISOLATION MIN.	75dB	65dB	60dB	60dB
AVERAGE POWER	50WATTS			
ELECTRICAL CHARACTERISTICS				
ACTUATOR	Normally Open			
COIL CURRENT	260mA/12V			
MECHANICAL CHARACTERISTICS				
CONNECTORS	SMA Female			
ACTUATOR LIFESPAN	2,000,000 MIN.			
SWITCHING TIME	15ms MAX.			
DIMENSIONS	41.4mm x 41.4mm x 62mm			
WEIGHT	300g			
ENVIRONMENTAL CHARACTERISTICS				
TEMPERATURE RANGE	-25°C~+80°C			



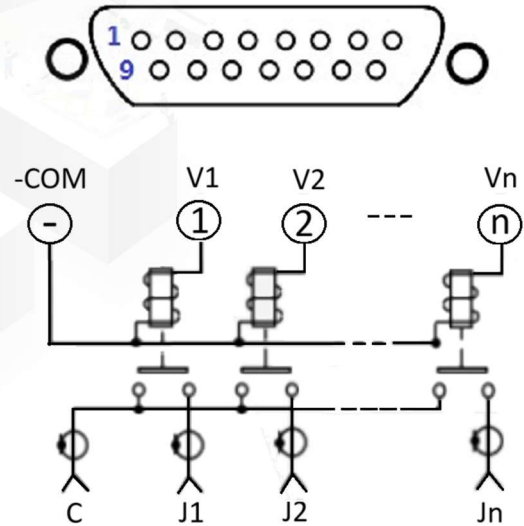
Tolerance:±0.5mm

Outline Drawing: (mm)



SCHEMATIC DIAGRAM

IN	CONTROL	Normally Open
1	CR1	Vn (Jn-COM)
2	CR2	
3	CR3	
4	CR4	
5	CR5	
6	CR6	
7	CR7	
8	CR8	
9	COM(-)	
10	/	/
11	/	/
12	/	/
13	/	/
14	/	/
15	/	/



NOTES:
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY



Typical Test Result

