

SWITCH

SP4T DC-18GHz

NORMALLY OPEN/TTL
TERMINATED DESIGN

Features

- ✓ Low VSWR
- ✓ Low Insertion Loss
- ✓ High Isolation

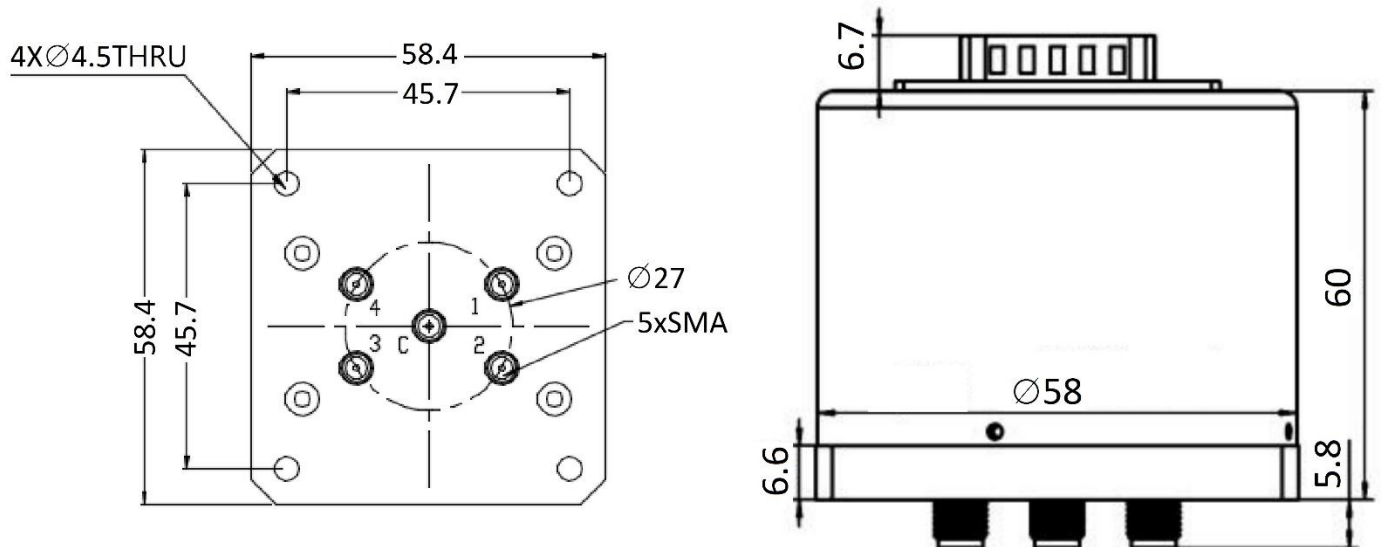
MVE9417	MVE9417-24	MVE9417-28
DV 12V	DC 24V	DC 28V

SPECIFICATIONS

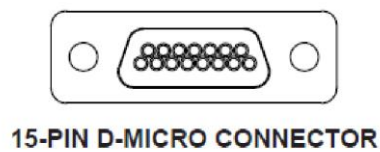
RF CHARACTERISTICS					
FREQUENCY RANGE	0-2GHz	2-4GHz	4-8GHz	8-12GHz	12-18GHz
VSWR MAX.	1.15:1	1.20:1	1.30:1	1.40:1	1.50:1
INSERTION LOSS MAX.	0.20dB	0.20dB	0.30dB	0.40dB	0.5dB
ISOLATION MIN.	90dB	80dB	75dB	70dB	60dB
AVERAGE POWER AT COOL SWITCHING	50WATTS				
ELECTRICAL CHARACTERISTICS					
ACTUATOR	Normally Open				
COIL CURRENT	300mA/12V 167mA/24V 160mA/28V				
DRIVE VOLTAGE	2.2-5.5V				
MECHANICAL CHARACTERISTICS					
CONNECTOR	SMA Female				
LIFE CYCLES	1,000,000				
SWITHCING TIME	<15ms				
VIBRATION (OPERATING)	10G RMS, 20-2000Hz				
MECHANICAL SHOCK (NON-OPERATING)	50G, 1/2Sine, 11msec				
WEIGHT	240g				
ENVIRONMENTAL CHARACTERISTICS					
TEMPERATURE RANGE	-25°C--+65°C				

Tolerance $\pm$ 0.25mm

Outline Drawing (mm):



Logical Control Schematic:



IN	CONTROL	DRIVE VOLTAGE(V)
1	CR1	DC2.2-5.5
2	CR2	
3	/	
4	CR3	
5	CR4	/
6	/	
7	GND	
8-14	/	
15	VDC	12/24

NOTES:

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

