



SWITCH

FEATURES

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

SP4T DC-40GHz
NORMALLY OPEN / TTL

MVE9420	MVE9420-24	MVE9420-28
DV 12V	DC 24V	DC 28V

SPECIFICATIONS

RF CHARACTERISTICS					
FREQUENCY RANGE	DC-6GHz	6-12GHz	12-18GHz	18-26.5GHz	26.5-40GHz
VSWR MAX.	1.30:1	1.40:1	1.50:1	1.90:1	2.0:1
INSERTION LOSS MAX.	0.30dB	0.40dB	0.50dB	0.80dB	1.0dB
ISOLATION MIN.	70dB	60dB	60dB	50dB	50dB
AVERAGE POWER MAX.	50W	50W	45W	15W	8W
ELECTRICAL CHARACTERISTICS					
ACTUATOR	Normally Open/ TTL				
TTL INPUT	0-0.8 V(OFF),2.4-5 V(ON)				
COIL CURRENT	285mA/12V 150mA/24V 140mA/28V				
MECHANICAL CHARACTERISTICS					
CONNECTORS	2.92mm Female				
CONTROL CONNECTOR	D-SUB 15 Pin Male				
LIFE CYCLES	2,000,000				
SWITHCING TIME	<15ms				
WEIGHT	285g				
ENVIRONMENTAL CHARACTERISTICS					
OPERATING TEMPERATURE	-25°C~+65°C				

NOTES:

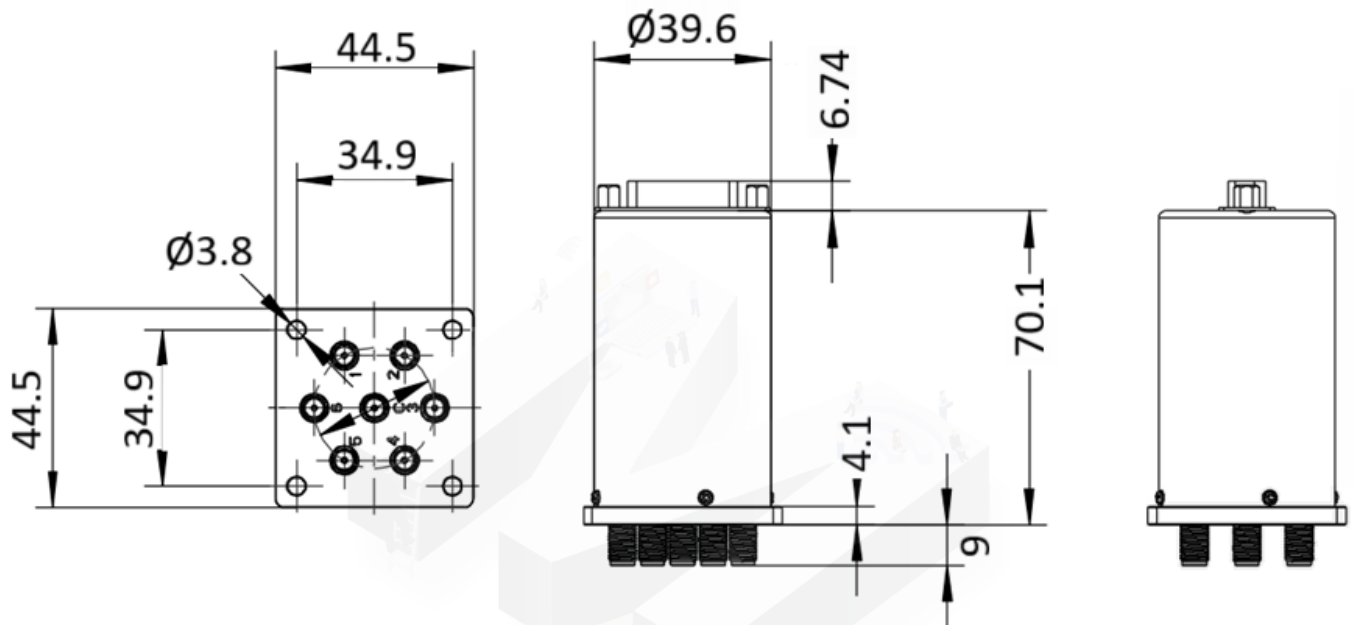
1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY





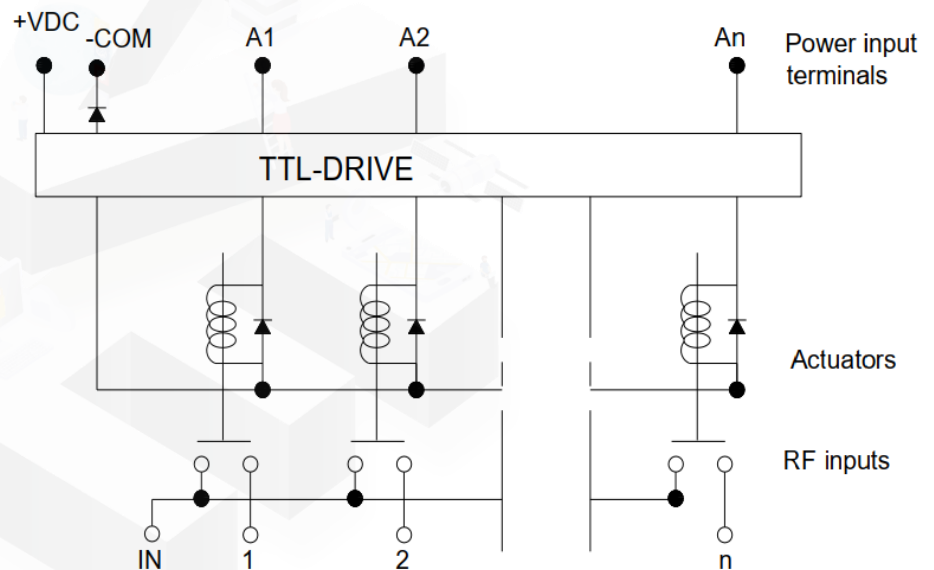
Tolerance±0.5mm

Outline Drawing (mm):



Logical Control Schematic:

15PIN D-SUB		SP4T RF Connect Used
PIN NO	Function	
1	A1	1
2	A2	2
3	A3	UNUSED
4	A4	4
5	A5	5
6	A6	UNUSED
7	-COM	
8-14	NC	UNUSED
15	+VDC	



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