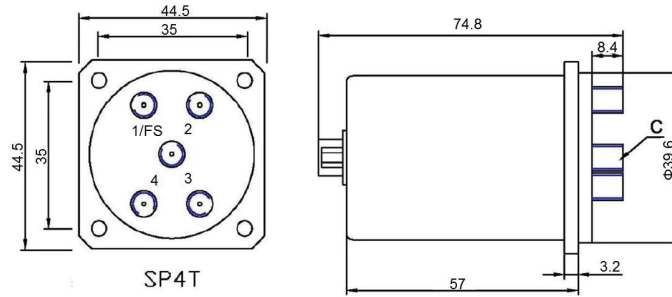


TOLERANCE: X=5%

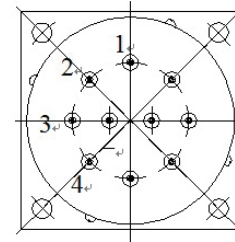
OUTLINE DRAWING(All Dimensions in mm)

Switch, SP4T, Normally Open, DC-18 GHz,
VSWR 1.50, SMA Female



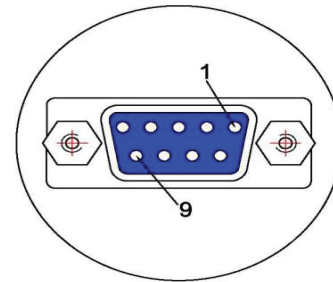
Logic Figure:

RF interface/Control	-	1	2	3	4
ALL SHORT	GND	0V	0V	0V	0V
1-COM ON	GND	+12V	0V	0V	0V
2-COM ON	GND	0V	+12V	0V	0V
3-COM ON	GND	0V	0V	+12V	0V
4-COM ON	GND	0V	0V	0V	+12V



Connection Diagram of Power Line and Control Line:

IN	CONTROL	DRIVE VOLTAGE(V)	DRIVE CURRENT(mA)
1	CR1	DC-12/24	240/120
2	CR2		
3	CR3		
4	CR4		
5	NC	/	/
6	GND	/	/
7	NC	/	/
8	NC	/	/
9	NC	/	/



FREQUENCY: DC-18GHz

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	0.50dB
ISOLATION MIN.	90dB	80dB	75dB	70dB	60dB
AVERAGE POWER AT COOL SWITCHING	50WATTS				
Electrical Characteristics					
ACTUATOR	Normally Open				
COIL CURRENT	240mA/DC 12V				
DRIVE VOLTAGE	2.5-5V				
DRIVE CURRENT	0.02-0.8mA				
Mechanical Characteristics					
CONNECTORS	SMA Female				
LIFE CYCLES	1,000,000				
SWITCHING TIME	<20ms				
WEIGHT	160g				
Environmental Characteristics					
OPERATING TEMPERATURE	-40C~+85C				
STORAGE TEMPERATURE	-55C~+85C				