SPDT Electromechanical Switch, Failsafe, DC to 67 GHz, 1.85mm, Solder Pins

Electrical

Switch Type	SPDT, Reflective			
Actuator Type	Failsafe			
Switching Sequence	Break before make			
Switching Time	15 ms max			
Impedance	50 Ohms			
Frequency Range	DC-67 GHz			
*Nominal Actuating Voltage, Vdc	12 (11 to 13)	18 (16 to 20)	24 (22 to 26)	28 (26 to 30)
Actuating Current, mA	190	136	98	83

Frequency (GHz)	DC-6	6-12	12-18	18-26.5	26.5-32	32-50	50-67
VSWR (max)	1.2	1.3	1.4	1.7	1.9	2.0	2.2
Insertion Loss dB (max)	0.20	0.25	0.40	0.70	0.80	1.00	1.20
Isolation dB (min)	70	70	60	55	50	50	50

RF ONE

Environmental & Mechanical

Operating Temperature	-25℃~+65℃
Storage Temperature	-55℃~+85℃
Shock (Designed to meet)	MIL-STD-202 Method 213, Condition D, 500G (Non Operating)
Vibration (Designed to meet)	MIL-STD-202 Method 214, Condition D, 10G RMS (Non Operating)
Operating Life	3 Million Cycles Minimum
RF Connector	1.85mm Female
Actuator Terminals	Solder pins
Weight	About 70g

Notes

*For model RS2-V67FXX, replace the XX with the desired Actuator Voltage. Example: RS2-V67F12 for 12 Volts.

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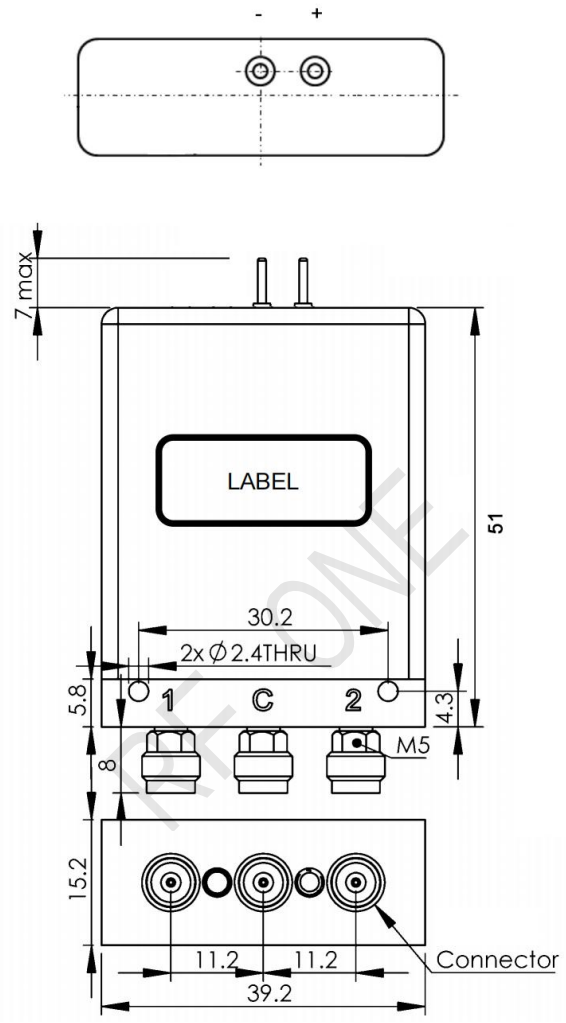
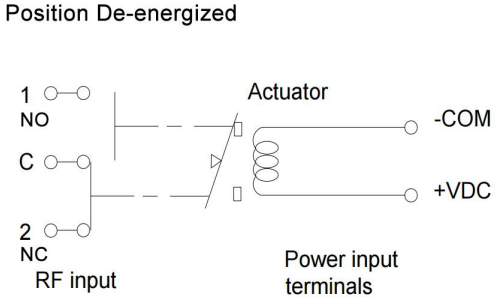
Drawing (unit: mm, tolerance +/-0.5mm)



Schematic