

DC-67GHz SPDT RF SWITCH

1.85MM 5VDC FAILSAFE D-SUB 9 PIN

P/N0.STI12-0037



SPECIFICATION

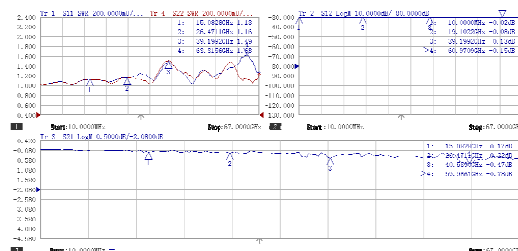
Frequency	DC-67GHz
Isolation	DC-12GHz:70dB(Min.) 12-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-40GHz:50dB(Min.) 40-67GHz:45dB(Min.)
Insertion Loss	DC-6GHz:0.2dB(Max.) 6-12GHz:0.3dB(Max.) 12-18GHz:0.4dB(Max.) 18-26.5GHz:0.6dB(Max.) 26.5-32GHz:0.7dB(Max.) 32-40GHz:0.8dB(Max.) 40-43GHz:0.9dB(Max.) 43-50GHz:1.0dB(Max.) 50-53GHz:1.1dB(Max.) 53-67GHz:1.2dB(Max.)
VSWR	DC-6GHz:1.2:1(Max.) 6-12GHz:1.3:1(Max.) 12-18GHz:1.4:1(Max.) 18-26.5GHz:1.6:1(Max.) 26.5-32GHz:1.7:1(Max.) 32-40GHz:1.8:1(Max.) 40-67GHz:1.9:1(Max.)
RF Power(CW)	DC-6GHz:40W 6-12GHz:30W 12-18GHz:25W 18-26.5GHz:12W 26.5-32GHz:8W 32-40GHz:5W 40-43GHz:4W 43-50GHz:3W 50-67GHz:2W
Operating Voltage	DC5V/580mA
Life:	2,000,000 Cycles (Min.)
Switching Time	15ms (Max.)
Vibration Operating	10G RMS@20~2000Hz
Mechanical Shock(Non-operating)	50G,1/2 Sine, 11 msec
Actuation	Failsafe
RF Connection	1.85mm Female
Impedance	50Ohm
Operating Temp.	-25~65℃

MATERIAL LIST

Part	Material	Plated
Connector	Stainless Steel	

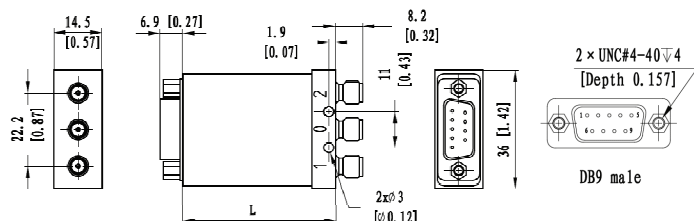


TESTING DATA (100% S-PARAMETER TESTED)



OUTLINE DRAWING

L:47.9mm(Max.)



Unit:mm(inch)

Failsafe			
9-Pin D-SUB PINOUT			RF Connector
Pin No.	PINOUT		No Power,RF1-0
1	V		RF2-0
2	X		-
3	GND		-
4	IND.1	Indicators	RF1-0
5	IND.2		RF2-0
6	COM(-)		-
7	VDC		-
8	UNUSED	-	-
9	UNUSED	-	-