

DC-18GHZ SPDT RF SWITCH SMA 12VDC FAILSAFE SOLDER P/NO.STI12-0001



SPECIFICATION

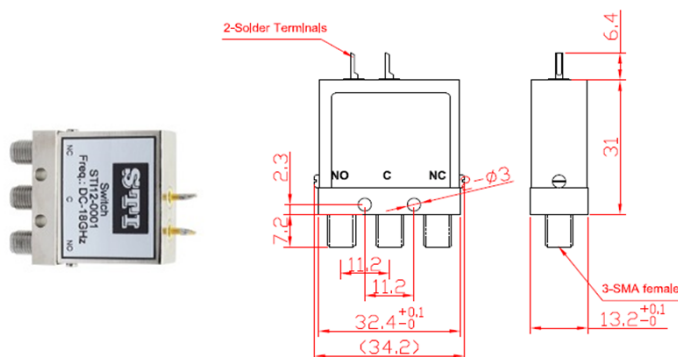
Frequency	DC-18GHz
Isolation	DC-3GHz:80dB(Min.) 3-6GHz:70dB(Min.) 6-18GHz:60dB(Min.)
Insertion Loss:	DC-3GHz:0.2dB(Max.) 3-6GHz:0.3dB(Max.) 6-12GHz:0.4dB(Max.) 12-18GHz:0.5dB(Max.)
VSWR:	DC-3GHz:1.2:1(Max.) 3-6GHz:1.3:1(Max.) 6-12GHz:1.4:1(Max.) 12-18GHz:1.5:1(Max.)
Power :	DC-3GHz:85W CW 3-6GHz:50W CW 6-12GHz:35W CW 12-18GHz:20W CW
Operating Voltage	DC12V/240mA
Life:	1,000,000 Cycles (Min.)
Switching Time	15ms (Max.)
Switching Sequence	Break Before Make
RF Connection:	SMA Female
Impedance:	50Ohm
Operating Temp.	-30~+65°C

MATERIAL LIST

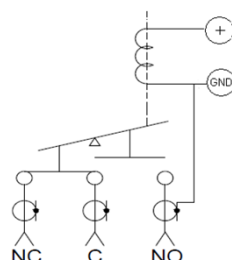
Part	Material	Plated
Body	Brass	Nickel
SMA Connector	Brass	Nickel

OUTLINE DRAWING

Unit:mm

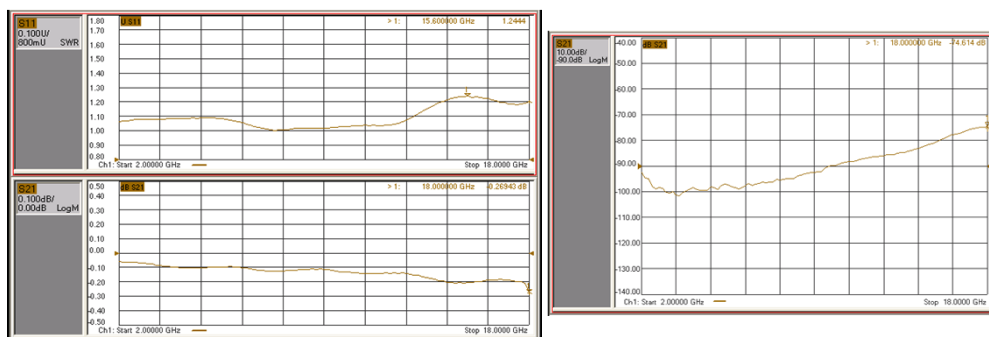


Electrical Schematics



Control Voltage: DC=0V, RF C-NC ON ,C-NO OFF
DC=12V, RF C-NC OFF, C-NO ON

TESTING DATA (100% S-PARAMETER TESTED)



Any more request, please contact sales@solvangtech.com. Thank you ~