



SOLVANG TECHNOLOGY INC.

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50GHZ SPDT 2.4MM 12VDC

FAILSAFE TTL COAXIAL SWITCH

P/NO.STI12-0022



SPECIFICATION

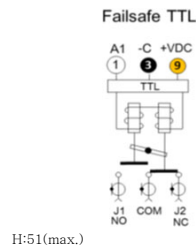
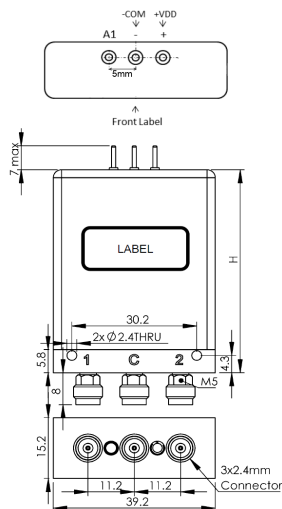
Frequency	DC-50GHz
Isolation	DC-12GHz:70dB(Min.) 12-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-50GHz:50dB(Min.)
Insertion Loss	DC-6GHz:0.2dB(Max.) 6-12GHz:0.25dB(Max.) 12-18GHz:0.4dB(Max.) 18-26.5GHz:0.7dB(Max.) 26.5-32GHz:0.8dB(Max.) 32-50GHz:1.0dB(Max.)
VSWR	DC-6GHz:1.2:1(Max.) 6-12GHz:1.3:1(Max.) 12-18GHz:1.4:1(Max.) 18-26.5GHz:1.7:1(Max.) 26.5-32GHz:1.9:1(Max.) 32-50GHz:2.0:1(Max.)
Operating Voltage	DC12V/190mA
Life:	1,000,000 Cycles (Min.)
Switching Time	15ms (Max.)
Relative Humidity	5~85%
Vibration Operating	10G RMS@20~2000Hz
Mechanical Shock(Non-operating)	50G,1/2 Sine, 11 msec
Actuation	Fail-safe
RF Connection	2.4mm Female
Impedance	50Ohm
Operating Temp.	-25~+65°C

MATERIAL LIST

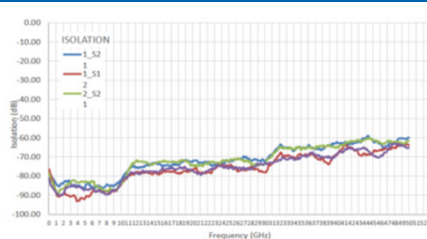
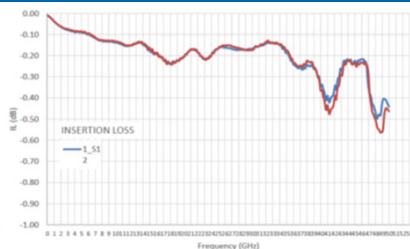
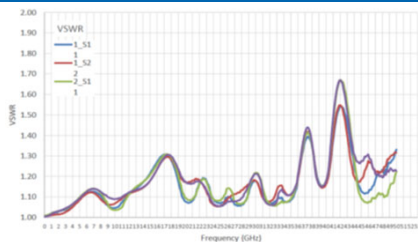
Part	Material	Plated
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OUTLINE DRAWING

Unit:mm(Tolerance:±0.5mm)



TESTING DATA (100% S-PARAMETER TESTED)



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