SOLVANG TECHNOLOY INC.
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40GHZ SP4T 2.92MM 24VDC

NORMALLY OPEN TTL 15PIN D CONNECTOR SWITCH

P/NO.STI12-0010

RoHS COMPLIANT

SPECIFICATION

Frequency	DC-40GHz
Isolation	DC-6GHz:70dB(Min.) 6-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-40GHz:50dB(Min.)
Insertion Loss	DC6GHz:0.3dB(Max.) 6-12GHz:0.4dB(Max.) 12-18GHz:0.5dB(Max.) 18-26.5GHz:0.7dB(Max.) 26.5-32GHz:0.8dB(Max.) 32-40GHz:1.0dB(Max.)
VSWR	DC-6GHz:1.3:1(Max.) 6-12GHz:1.4:1(Max.) 12-18GHz:1.5:1(Max.) 18-26.5GHz:1.7:1(Max.) 26.5-32GHz:1.9:1(Max.) 32-40GHz:2.0:1(Max.)
Operating Voltage	DC24V/150mA
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	Normally Open
RF Connection	2.92mm Female
Impedance	50Ohm
Operating Temp.	-25~+ 65℃

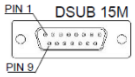
MATERIAL LIST

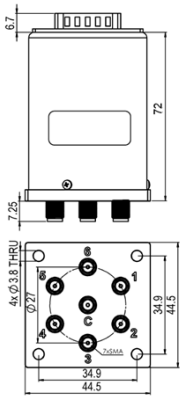
Part	Material	Plated
Connector Body	Brass	Nickel

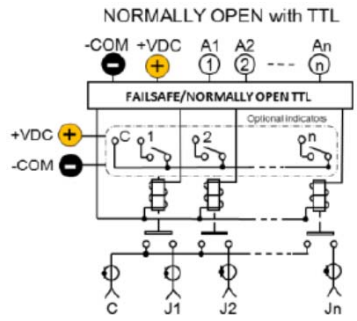
OUTLINE DRAWING

SP3T~SP6T

Unit:mm(Tolerance:±0.5mm)





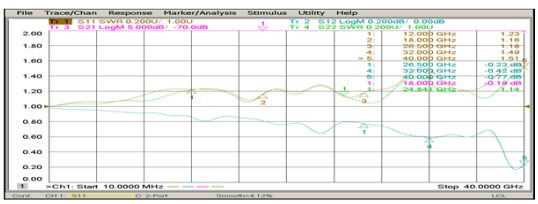


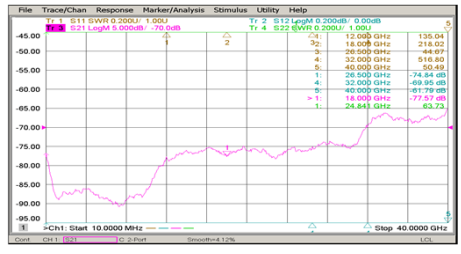
NORMALLY OPEN TTL 15-PIN D-SUB PINOUT	
Pin No.	PINOUT
n=1-6	An (Jn-COM)
7	COM(-)
8	1 (IND: J1-C)
9	2 (IND: J2-C)
10	3 (IND: J3-C)
11	4 (IND: J4-C)
12	5 (IND: J5-C)
13	6 (IND: J6-C)
14	COM_I
15	+VDC

PIN 8-14: For optional INDICAOTRS only.

Pin 1-6: The corresponding control signal inputs.

TESTING DATA (100% S-PARAMETER TESTED)





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