

NMS2S-18-1K1

DC~18GHz, SPDT, PULSE LATCHING

Features:

- * Low VSWR
- * Low Insertion Loss
- * High Isolation

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~18GHz
Impedance:	50Ω
Operation Mode:	Pulse Latching
Switch Sequence:	Break before make
Current:	100mA
Voltage:	+24V

Frequency range (GHz)	Insertion Loss (dB)	Isolation (dB)	VSWR	POWER
DC-6	0.2	70	1.2	80
6-12	0.25	70	1.3	60
12-18	0.4	60	1.4	50

Mechanical

Size*2:	See Drawing
Switching Sequence:	Break before Make
Switching Time:	15mS max.
Operation Life:	5M Cycles
Vibration (operating):	20-2000Hz, 10G RMS
Mechanical Shock (non-operating):	50G, 1/2Sine, 12msec
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	D-SUB 9 Pin Male
Mounting:	2-Φ3.2mm through-hole

[2] Exclude connectors.

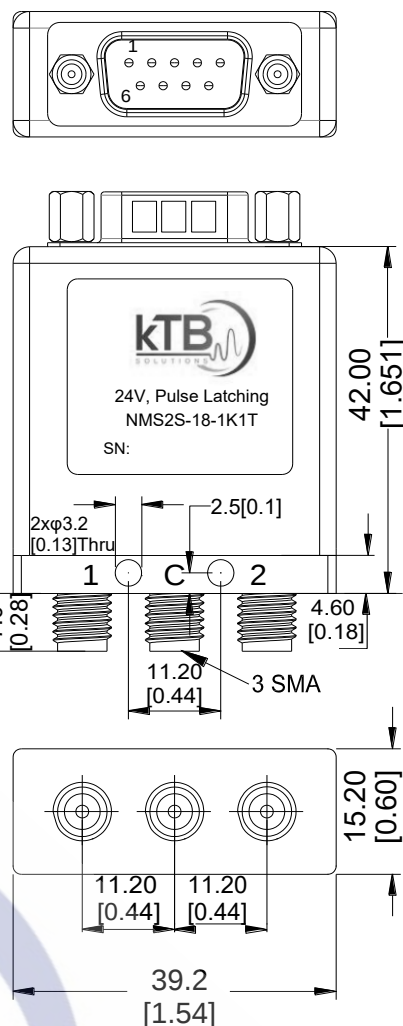
Environmental

Temperature:	-25~+65°C
Extended Temperature:	-45~+85°C

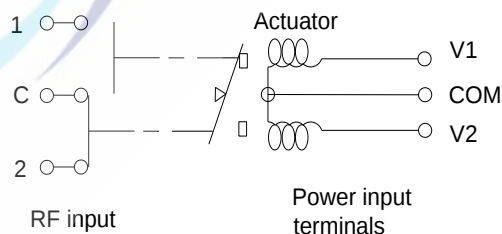
Latching&TTL

Pin	Function	SPDT
1	V1	J1-COM
2	V2	J2-COM
3	-COM	
4-9	NC	

Outline Drawings


Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

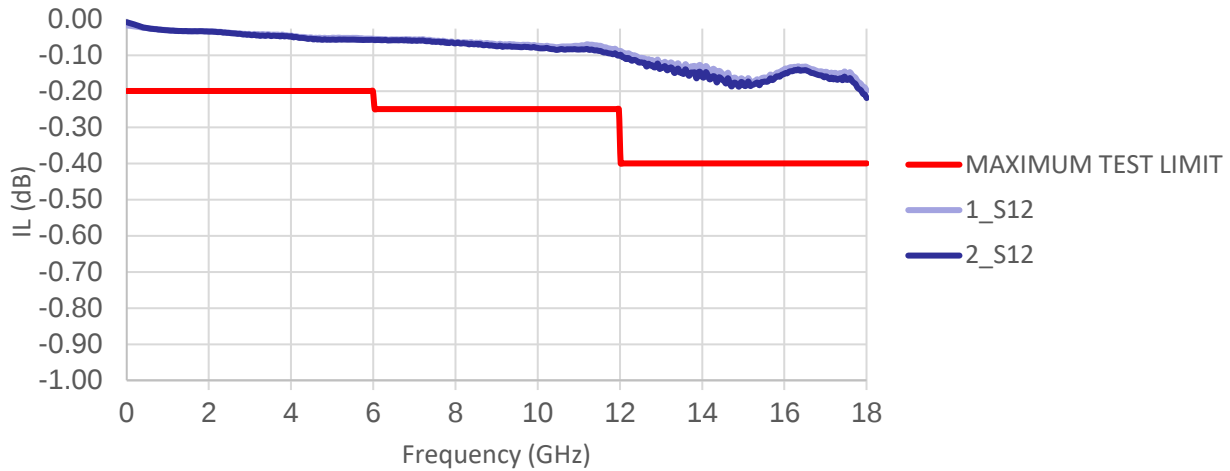
Driving schematic diagram



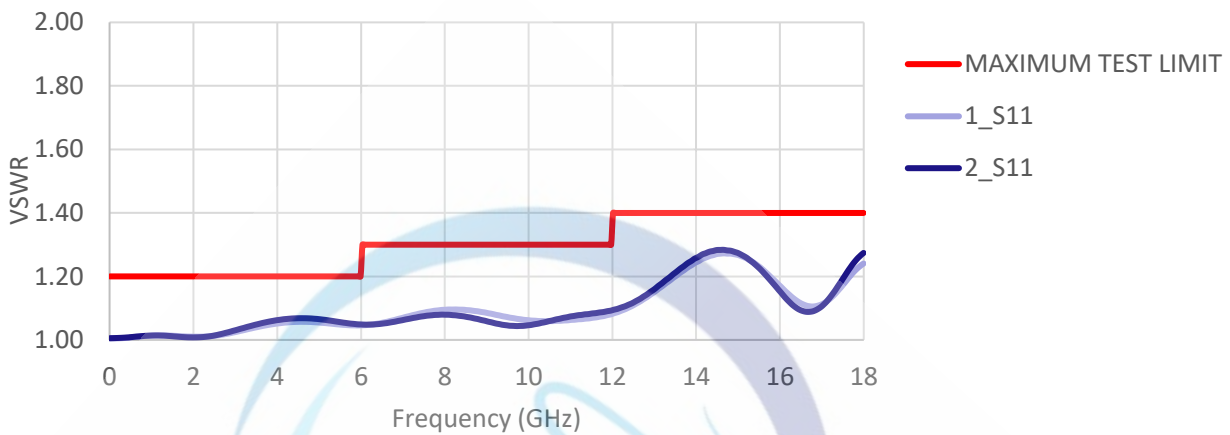
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Typical Performance Data: INSERTION LOSS



VSWR



ISOLATION

