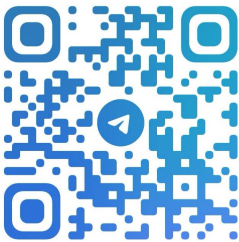


MODEL: LT-DPDT-KF-XX-040-D



DPDT Coaxial Switch, 2.92mm, Failsafe, DC tp 40 GHz, DSUB-9

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@LAUFTEX

Electrical Characteristics:

Parameter	Condition		
Frequency range	DC-40GHz		
Impedance	50 Ω		
Operation mode	Failsafe		
Switch sequence	Break before make		
Switching time	15 ms max		
Mechanical life	1 million min		
Rated voltage	12	24	28 VDC
Operating current at 23 °C	380	200	180 mA

RF Specifications:

FREQUENCY RANGE(GHz)	DC-6	6-12	12-18	18-26.5	26.5-40
INSERTION LOSS (MAX) dB	0.2	0.25	0.4	0.9	1.3
ISOLATION (MIN) dB	70	70	60	55	50
V.S.W.R. (MAX)	1.3	1.4	1.5	1.7	2.0

Envrionmental And Physical Characteristics:

Parameter	Condition
Operating temperature range	-25°C to +65°C(Standard) -55°C to +85°C(Optional)
Sine vibration(Operating)	20-2000Hz , 10g
Shocks(Non Operating)	50g / 11ms, ½ sine
RF Connector type	2.92mm Female
Control connector	D-SUB 9 Pin Male
Weight	120g Max

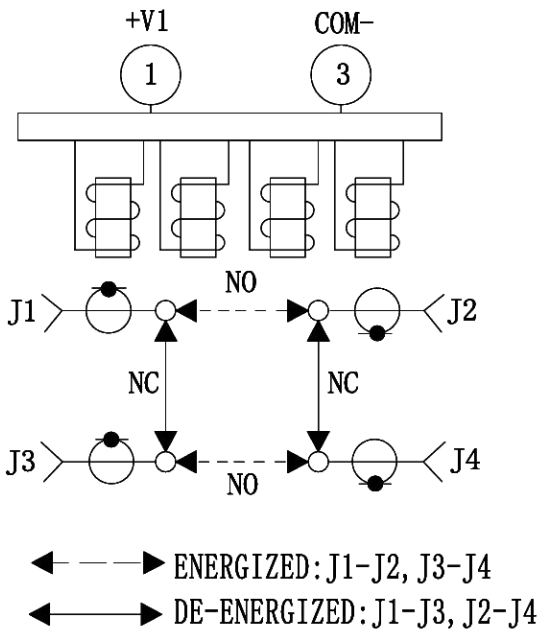
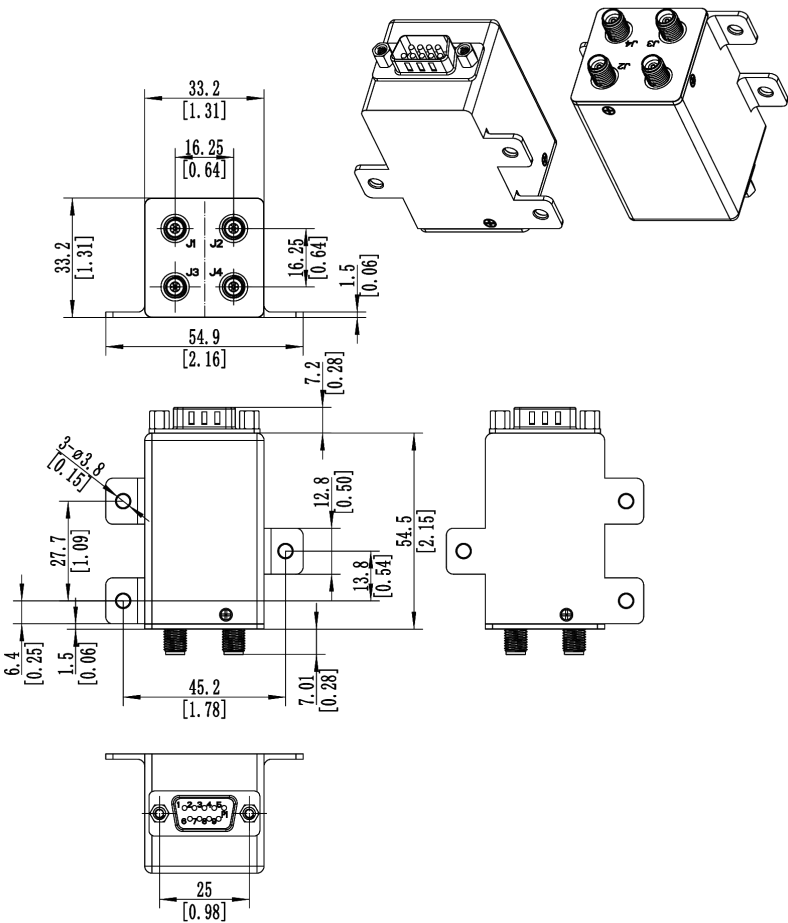


Available with USB & Ethernet Control

Outline Drawing:

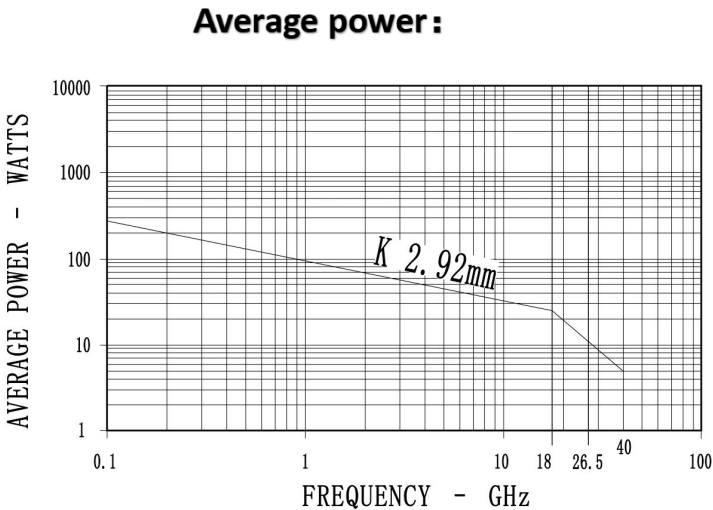
Schematic:

Unit: mm

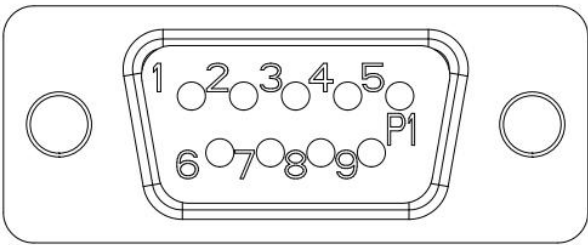


This graph is based on the following conditions:

- Ambient temperature: + 25 °C
- Sea level
- V.S.W.R.: 1 and cold switching



Pin Definition:



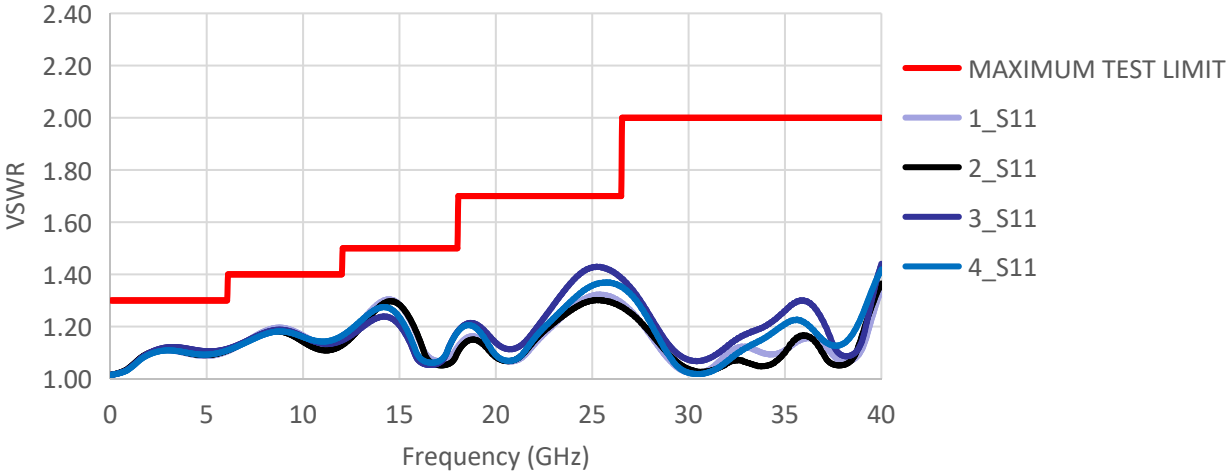
9 PIN D-SUB		RF Connect Used
Pin NO.	Function	DPDT
1	+V1	NO:J1 -J2,J3 -J4
	0	NC:J1 -J3,J2 -J4
2	UNUSED	
3	COM-	
4-9	UNUSED	

Part Number:

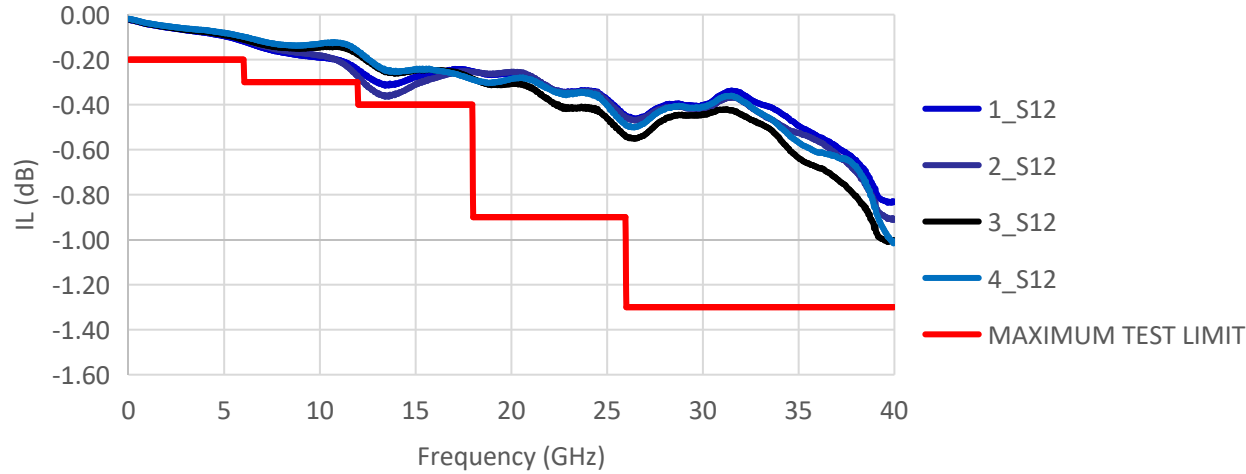
Part Number	Actuator voltage	Option
DPDT		
LT-DPDT-KF-12-040-D	12VDC	-S Complies with IP65 standart
LT-DPDT-KF-24-040-D	24VDC	
LT-DPDT-KF-28-040-D	28VDC	

Typical Performance Data:

VSWR



INSERTION LOSS



ISOLATION

