

Features:

- Broadband: DC - 14 GHz
- Extended Life: 2 million cycles
- Excellent Repeatability
- Low Insertion Loss
- High Isolation

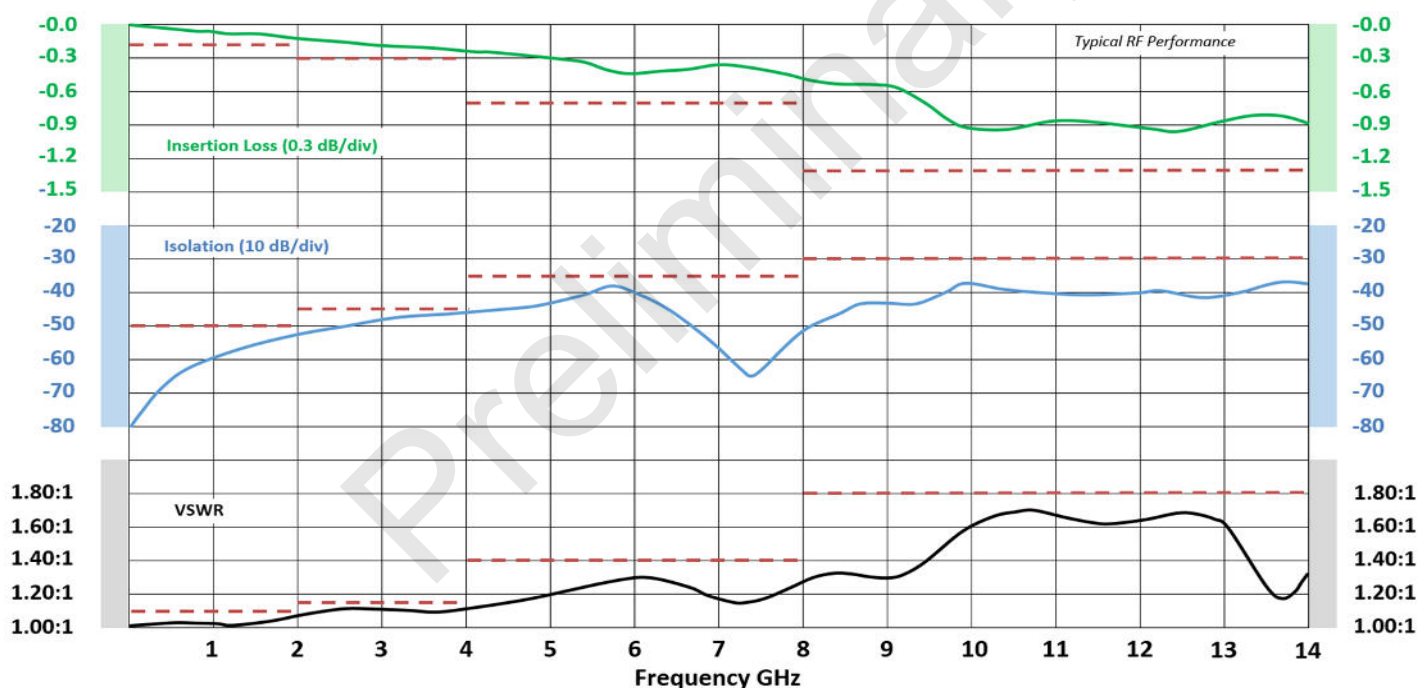


RF Specification:

Frequency (GHz)	DC - 2	2 - 4	4 - 8	8 - 14
Insertion Loss (max.) dB	0.20	0.30	0.70	1.30
Isolation (min.) dB	50	45	35	30
VSWR (max.)	1.10:1	1.15:1	1.40:1	1.80:1
Switching Time	20 mS (max.)			
Switching Action	Break-Before-Make			
Nominal Impedance	50 Ohms			

Description:

High reliability and low loss performance makes these switches ideal for testing and end product applications. A wide selection of connectors and features is available to meet most requirements. Good low to medium power handling. **Applications:** test stations, stand-by switch, Tx/Rx antenna switch, distribution switch. **Markets:** defense, telecom, aerospace, enterprise, consumer and IoT.



Specifications	
Oper Temp	-25° C to +65° C
Oper Temp	-54° C to +85° C (M version)
Storage Temp	-55° C to +100° C
Humidity	Moisture resistant or immersion sealing available
Shock	MIL-STD-202 Method 213, Condition D, 500G (non oper)
Vibration	MIL-STD-202 Method 214, Condition D, 10G RMS (non oper)
Cycle Life	2M cycles (may vary based on selected options)

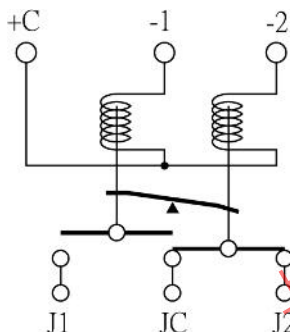
Voltages and Current	
Nominal Voltage, Vdc	12
Voltage Range, Vdc	11-13
Current (mA)*	85

* at nominal voltage and +20°C

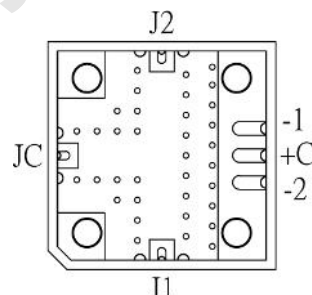
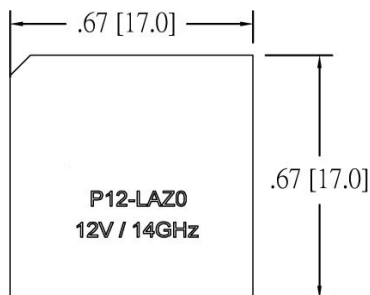
Popular Models	
P12-LA20	SPDT, SMT, Latching, DC-14GHz, 12VDC

- See backside for a full list of available features and options
- Contact us for custom designs

Schematics:



Outline:



Model Numbering System
Example: P12-LAZ0
(SPDT, SMT, Latching, DC-14GHz, 12VDC)

P 12 - L A Z 0

