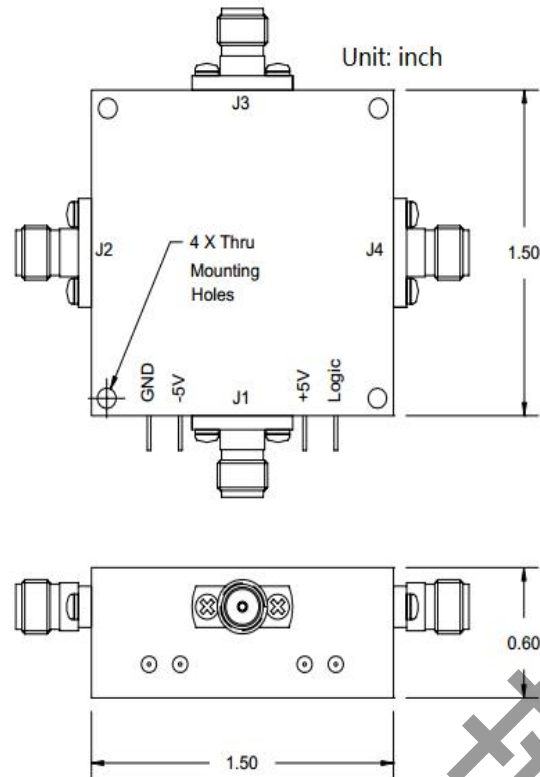


SW-29G31G-DPDTR-K is a dual pole, dual throw, reflective switch designed to operate over the 29 to 31GHz frequency range. This model is designed to handle 100 mW average input power. The switch offers fast switching speeds of 100nsec maximum, low insertion loss of 3.5dB and high isolation of 40dB. The DC supplies are $\pm 5\text{ V @ }100\text{ mA}$.

Mechanical Outline:




Environmental Ratings:

Temperature:	-25°C to +71 °C Operating -65 °C to +100 °C Non-Operating
Vibration:	MIL-STD-202F, Method 204D Cond. B
Altitude:	MIL-STD-202F, Method 105C Cond. B
Temperature Cycle:	MIL-STD-202F, Method 107D Cond. A

Specifications:

Frequency:	29 to 31GHz
Insertion Loss:	3.5dB
Isolation:	40dB
Switching Speed:	100ns max.
Power Handling:	100 mW (20dBm)
VSWR:	1.9:1
Driver:	TTL
Voltage/Current:	$\pm 5\text{ V @ }100\text{ mA}$
Control logic:	TTL
Connectors:	2.92 Female
Type:	Reflective

Pin Diode Switch SW-29G31G-DPDTR-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@qiidao.com
CHECKRD:	DATE: 20/05/16	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.