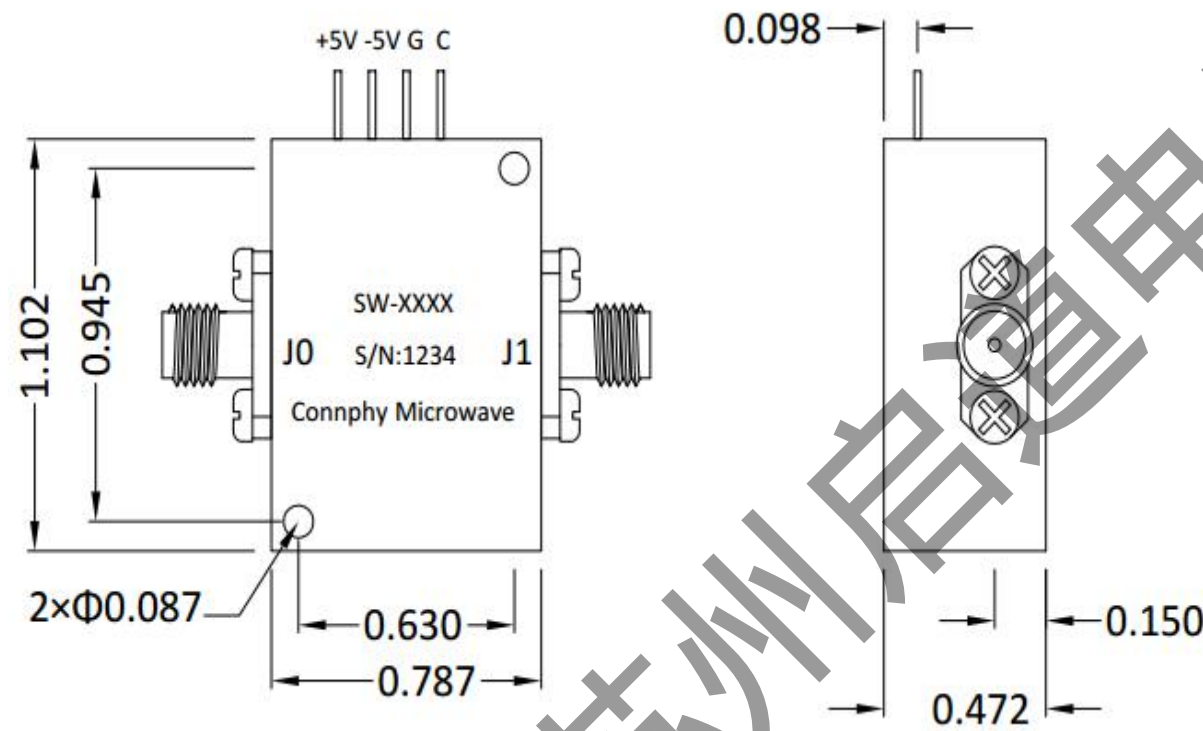


**SW-18G40G-01R-K** is a single pole, single throw, reflective switch designed to operate over the 18 to 40GHz frequency range. This model is designed to handle 27dBm max input power. The switch offers fast switching speeds of 100nsec max., low insertion loss of 4.8dB and high isolation of 70dB. The DC supplies are 30mA @  $\pm 5$  V.

**Mechanical Outline(Unit: Inch):**




**Specifications:**

Frequency:	18 to 40GHz
Insertion Loss:	4.8dB max
Isolation:	70dB min
Switching Speed:	100ns max
Power Handling:	27dBm max
VSWR:	2.3:1 max
Voltage/Current:	30mA @ $\pm 5$ V typical
Control logic:	TTL
Connectors:	2.92 Female
Type:	Reflective

**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

Pin Diode Switch SW-18G40G-01R-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@qiidao.com">sales@qiidao.com</a>
CHECKRD:	DATE: 20/05/16	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.