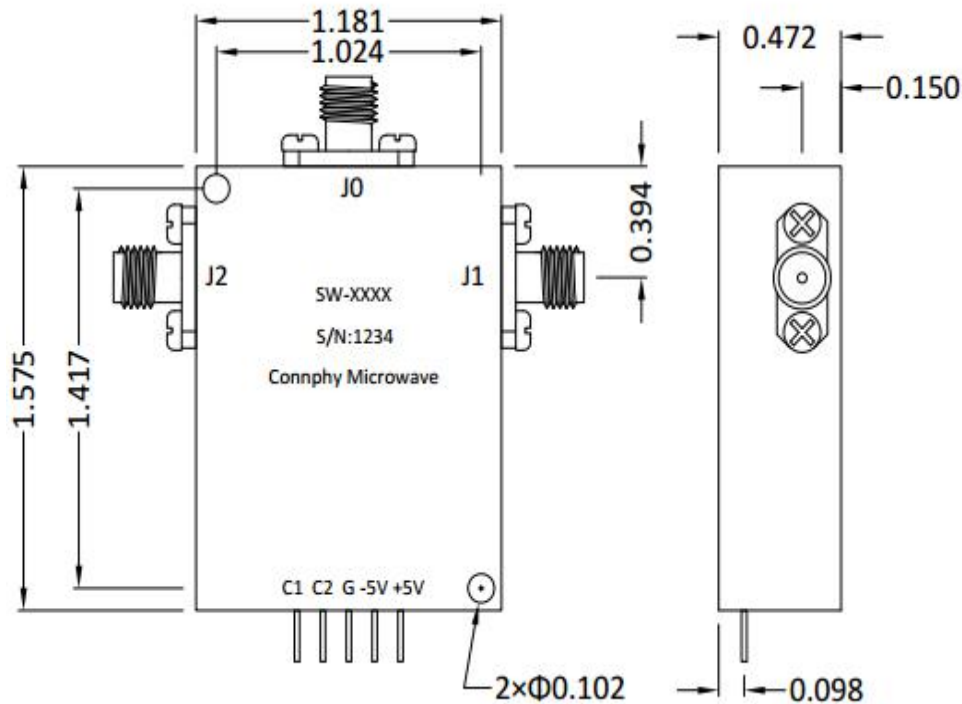


**SW-18G40G-2R-K** is a single pole, two throw, reflective switch designed to operate over the 18 to 40GHz frequency range. This model is designed to handle 23dBm max input power. The switch offers fast switching speeds of 100nsec max., low insertion loss of 5.1dB and high isolation of 60dB. The DC supplies are 60mA @ ±5 V.

### Mechanical Outline(Unit: Inch):



### Specifications:

Frequency:	18 to 40GHz
Insertion Loss:	5.1dB max
Isolation:	60dB min
Switching Speed:	100ns max
Power Handling:	23dBm max
VSWR:	2.3:1 max
Voltage/Current:	60mA @ ±5V 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-2R-K			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.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.