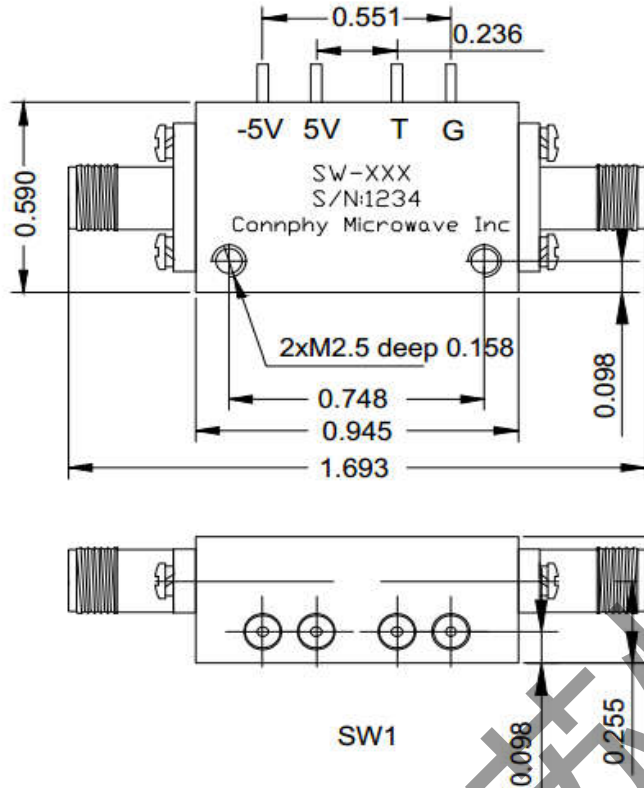


**SW-0.5G18G-01A-S** is a single pole, single throw, absorptive switch designed to operate over the 0.5 to 18GHz frequency range. This model is designed to handle 23dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 2.9dB and high isolation of 80dB. The DC supplies are 30mA @ ±5 V.

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



**Specifications:**

Frequency:	0.5 to 18GHz
Insertion Loss:	2.9dB max
Isolation:	80dB min
Switching Speed:	50ns max
Power Handling:	23dBm max
VSWR:	2.2:1 max
Voltage/Current:	30mA @ ±5 V typical
Control logic:	TTL
Connectors:	SMA Female
Type:	Absorptive

**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-0.5G18G-01A-S			
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.