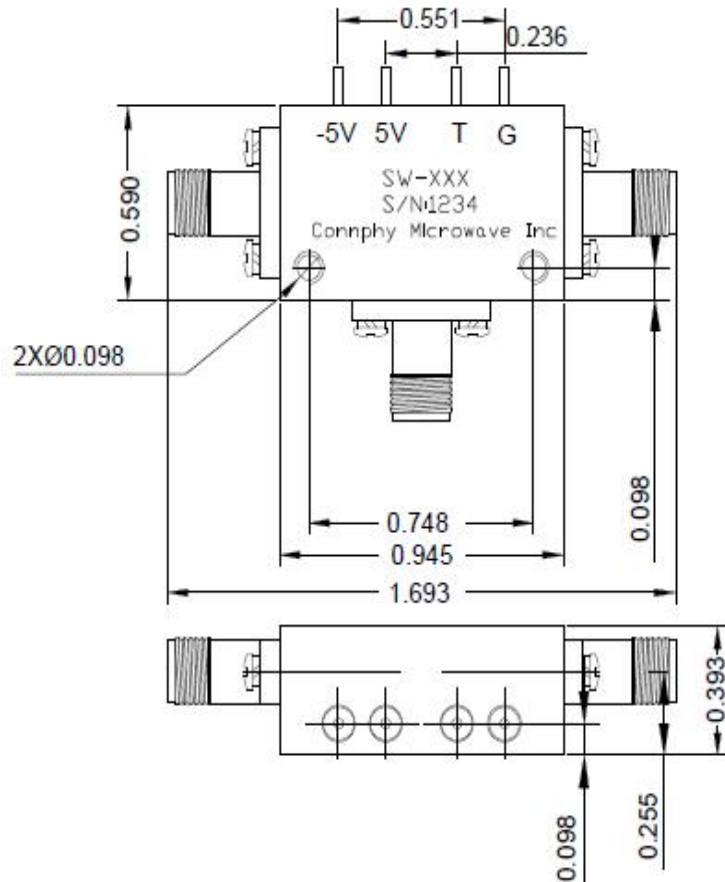


**SW-8G12G-2R-S** is a single pole, two throw, reflective switch designed to operate over the 8 to 12GHz frequency range. This model is designed to handle 27dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 1.9dB and high isolation of 80dB. The DC supplies are 60mA @ ±5 V.

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




**Specifications:**

Frequency:	8 to 12GHz
Insertion Loss:	1.9dB max
Isolation:	80dB min
Switching Speed:	50ns max
Power Handling:	27dBm max
VSWR:	1.6:1 max
Voltage/Current:	60mA @ ±5V typical
Control logic:	TTL
Connectors:	SMA 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-8G12G-2R-S			
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.