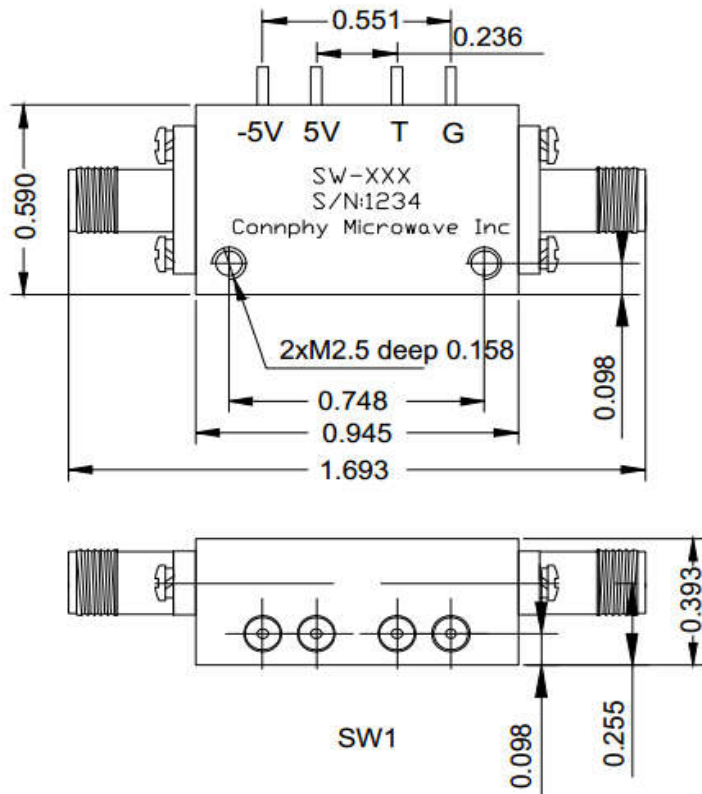


SW-8G12G-01R-S is a single pole, single throw, reflective switch designed to operate over the 8 to 12GHz frequency range. This model is designed to handle 30dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 1.5dB and high isolation of 80dB. The DC supplies are 30mA @ ±5 V.

Mechanical Outline(Unit: Inch):



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: 8 to 12GHz
 Insertion Loss: 1.5dB max
 Isolation: 80dB min
 Switching Speed: 50ns max
 Power Handling: 30dBm max
 VSWR: 1.7:1 max
 Voltage/Current: 30mA @ ±5 V typical
 Control logic: TTL
 Connectors: SMA Female
 Type: Reflective

Pin Diode Switch SW-8G12G-01R-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 20/05/16	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.