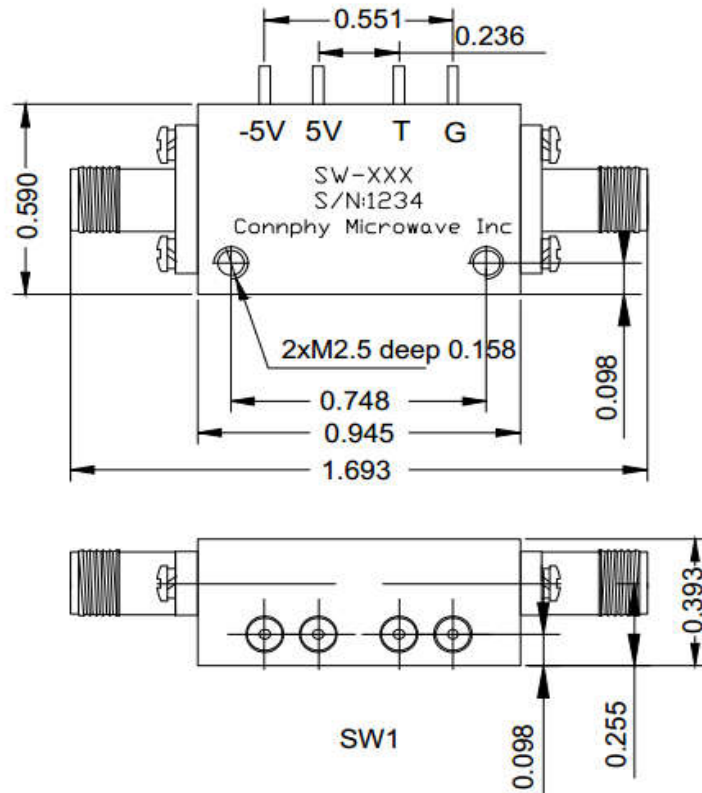


SW-2G18G-01A-S is a single pole, single throw, absorptive switch designed to operate over the 2 to 18GHz frequency range. This model is designed to handle 23dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 2.9dB and high isolation of 80dB. The DC supplies are 30mA @ ±5 V.

Mechanical Outline(Unit: Inch):




Specifications:

| | |
|------------------|---------------------|
| Frequency: | 2 to 18GHz |
| Insertion Loss: | 2.9dB max |
| Isolation: | 80dB min |
| Switching Speed: | 50ns max |
| Power Handling: | 23dBm max |
| VSWR: | 2.0:1 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-2G18G-01A-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. |