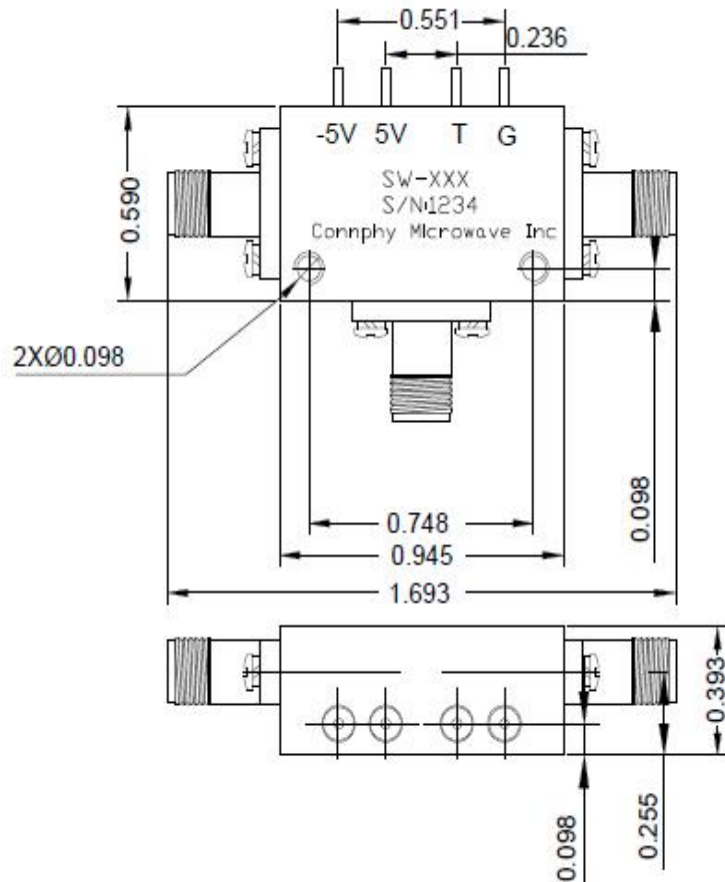


SW-18G26.5G-2R-S is a single pole, two throw, reflective switch designed to operate over the 18 to 26.5GHz frequency range. This model is designed to handle 23dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 3.0dB and high isolation of 60dB. The DC supplies are 60mA @ ±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: 18 to 26.5GHz
 Insertion Loss: 3.0dB max
 Isolation: 60dB min
 Switching Speed: 50ns max
 Power Handling: 20dBm max
 VSWR: 2.0:1 max
 Voltage/Current: 60mA @ ±5V typical
 Control logic: TTL
 Connectors: SMA Female
 Type: Reflective

| Pin Diode Switch SW-18G26.5G-2R-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. |