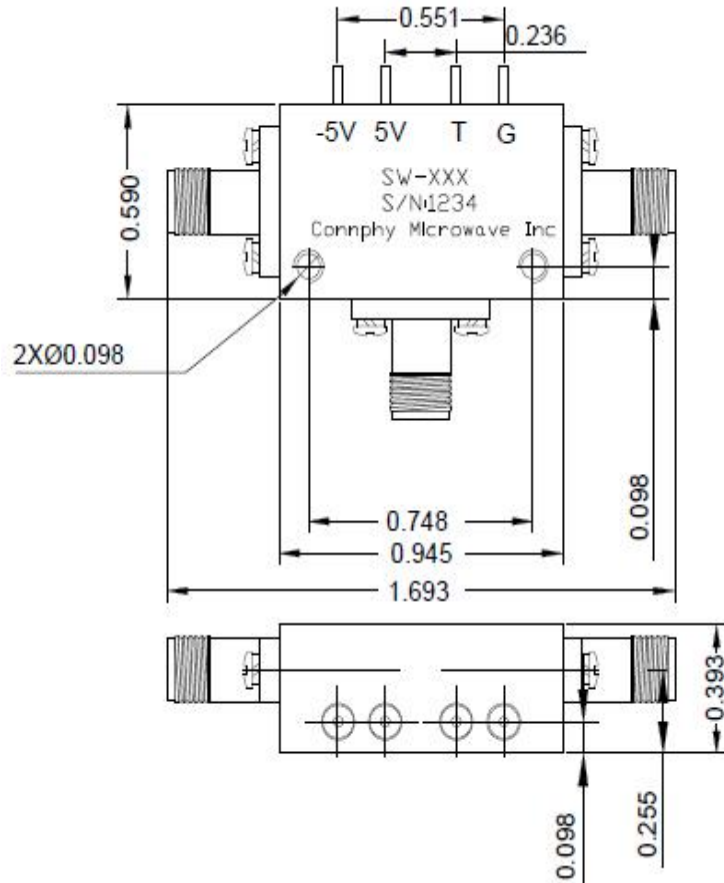


**SW-18G40G-2A-K** is a single pole, two throw, absorptive switch designed to operate over the 18 to 40GHz frequency range. This model is designed to handle 20dBm max input power. The switch offers fast switching speeds of 100nsec max., low insertion loss of 4.0dB and high isolation of 65dB. The DC supplies 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 40GHz  
 Insertion Loss: 4.0dB max  
 Isolation: 65dB min  
 Switching Speed: 100ns max  
 Power Handling: 20dBm max  
 VSWR: 2.3:1 max  
 Voltage/Current: 60mA @ ±5V typical  
 Control logic: TTL  
 Connectors: 2.92 Female  
 Type: Absorptive

Pin Diode Switch SW-18G40G-2A-K			
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.