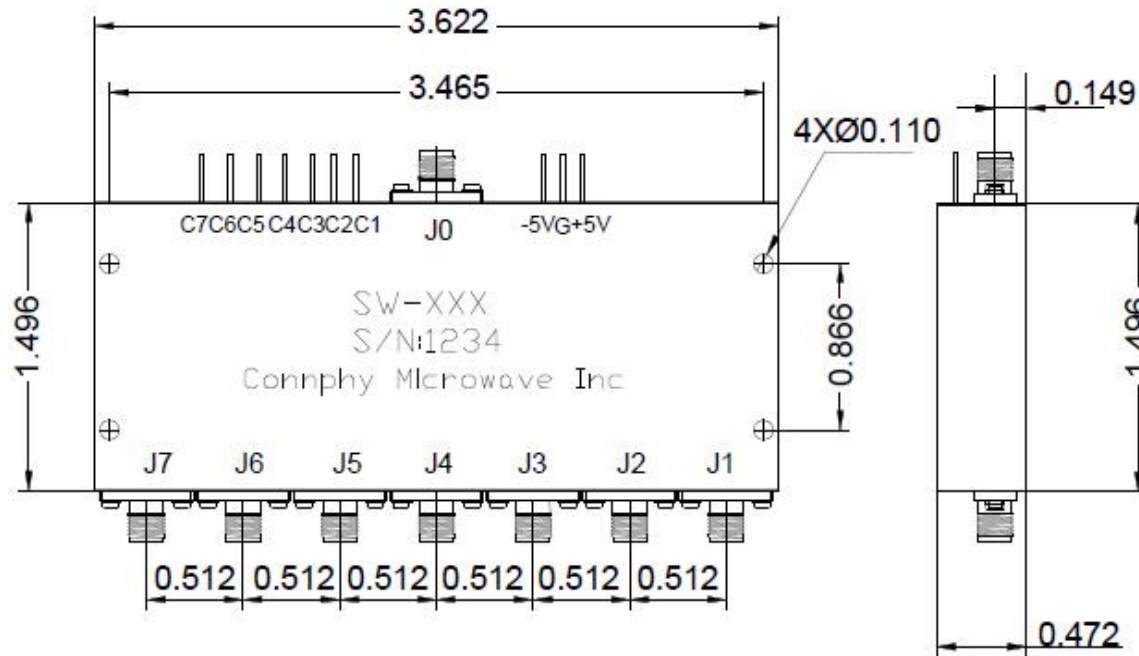


**SW-12G18G-7A-S** is a single pole, seven throw, absorptive switch designed to operate over the 12 to 18GHz frequency range. This model is designed to handle 23dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 4.5dB and high isolation of 80dB. The DC supplies are 210mA @ ±5 V.

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



**Specifications:**

Frequency:	12 to 18GHz
Insertion Loss:	4.5dB max
Isolation:	80dB min
Switching Speed:	50ns max
Power Handling:	23dBm max
VSWR:	1.7:1 max
Voltage/Current:	210mA @ ±5 V typical
Control logic:	TTL
Connectors:	SMA Female
Type:	Absorptive
TTL Truth Table:	Cn=0, Others=1; Path State: J0-Jn

**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

Pin Diode Switch SW-12G18G-7A-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.