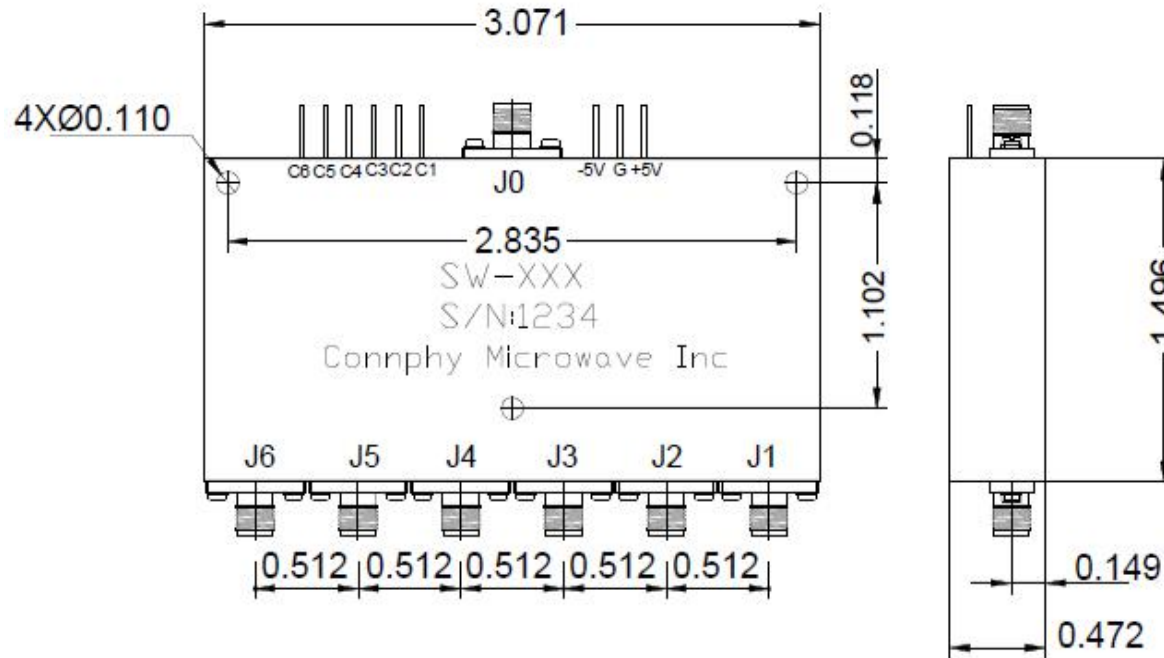


SW-0.03G6G-6A-S is a single pole, six throw, absorptive switch designed to operate over the 0.03 to 6.0GHz frequency range. This model is designed to handle 27dBm max input power. The switch offers fast switching speeds of 50nsec max., low insertion loss of 3.2dB and high isolation of 70dB. The DC supplies are 180mA @ ± 5 V.

Mechanical Outline(Unit: Inch):



Specifications:

| | |
|------------------|--------------------------------------|
| Frequency: | 0.03 to 6GHz |
| Insertion Loss: | 3.2dB max |
| Isolation: | 70dB min |
| Switching Speed: | 50ns max |
| Power Handling: | 27dBm max |
| VSWR: | 2.0:1 max |
| Voltage/Current: | 180mA @ ± 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-0.03G6G-6A-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. |