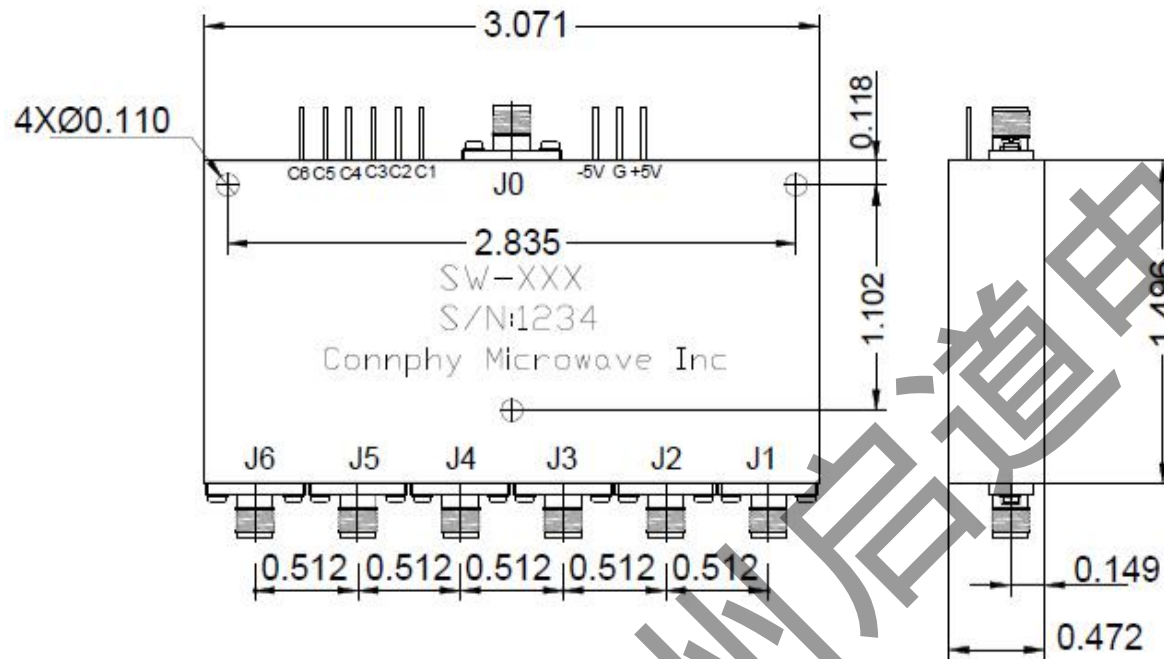



### Mechanical Outline(Unit: Inch):



|                  |                                      |
|------------------|--------------------------------------|
| Frequency:       | 2 to 18GHz                           |
| Insertion Loss:  | 4.3dB max                            |
| Isolation:       | 80dB min                             |
| Switching Speed: | 50ns max                             |
| Power Handling:  | 23dBm max                            |
| VSWR:            | 2.0:1 max                            |
| Voltage/Current: | 180mA @ $\pm 5$ V typical            |
| Control logic:   | TTL                                  |
| Connectors:      | SMA Female                           |
| Type:            | Absorptive                           |
| TTL Truth Table: | Cn=0, Others=1;<br>Path State: J0-Jn |

|              |  |
|--------------|--|
| Temperature: | -25°C to +71 °C Operating<br>-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<br>SW-2G18G-6A-S |                   |                      |  |
|-----------------------------------|-------------------|----------------------|--|
| DRAWN:                            | DWG NO.:          | REV CODE:<br>Rev.1.0 | <br>www.connphy.com<br>sales@qiidao.com |
| CHECKRD:                          | DATE:<br>20/05/16 | SHEET :<br>1 OF 1    |  |
| ISSUED:                           | SIZE:<br>A        | SCALE :<br>N / A     | Notes: SPEC ARE SUBJECT TO<br>CHANGE WITHOUT NOTICE.   |