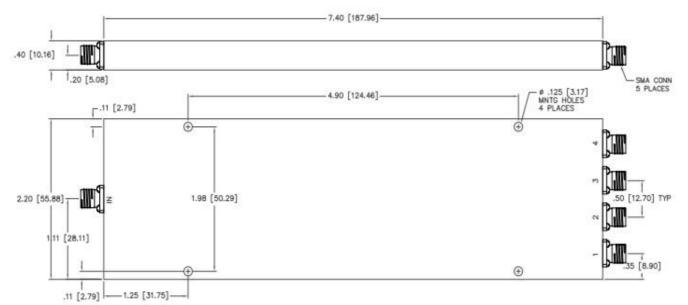
**PD-1G27G-04-S** is a 4 way power divider designed to operate over the 1-27GHz frequency range, with compact size. This model is designed to handle 10W max input power, and also performs with low insertion loss of 4.5 dB max and high isolation of 15 dB min, and low VSWR of 1.8 max.

## **Mechanical Outline(Inch/mm):**



## **Specifications:**

Dividing into: 4 ways Frequency: 1-27GHz Insertion Loss: 4.5dB Max Isolation: 15dB Min Power Handling: 10W Max VSWR: 1.8:1 Amplitude balance: 0.8dB Max 12° Max Phase balance: **SMA Female** Connectors:

## **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

Power Divider PD-1G27G-04-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	CONNPHY Microwave Inc.
CHECKRD:	DATE: 08/07/15	SHEET: 1 OF 1	www.connphy.com sales@connphy.com
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.