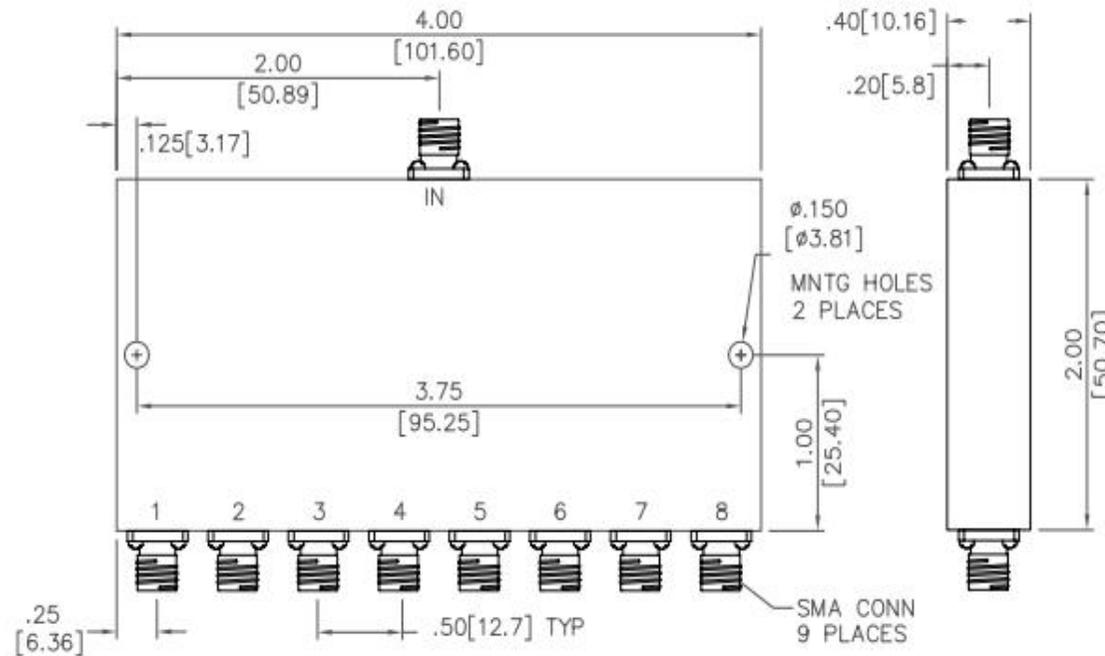


PD-6G16G-08-S is a 8 way power divider designed to operate over the 6.0-16.0 GHz frequency range, with compact size. This model is designed to handle 30W max input power, and also performs with low insertion loss of 1.4 dB max and high isolation of 16 dB min, and low VSWR of 1.7max.

Mechanical Outline(Inch/mm):



Specifications:

| | |
|--------------------|------------------------|
| Dividing into: | 8 ways |
| Frequency: | 6.0 to 16.0GHz |
| Insertion Loss: | 1.4dB Max |
| Isolation: | 16dB Min |
| Power Handling: | 30W Max |
| VSWR: | 1.7:1 |
| Amplitude balance: | 0.5dB Max |
| Phase balance: | 12° Max |
| Connectors: | SMA Female(N optional) |

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 Divide PD-6G16G-08-S | | | |
|-------------------------------|-------------------|----------------------|---|
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 |  www.connphy.com sales@connphy.com |
| CHECKRD: | DATE: 08/07/15 | SHEET : 1 OF 1 | |
| ISSUED: | SIZE: A | SCALE : N / A | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE. |