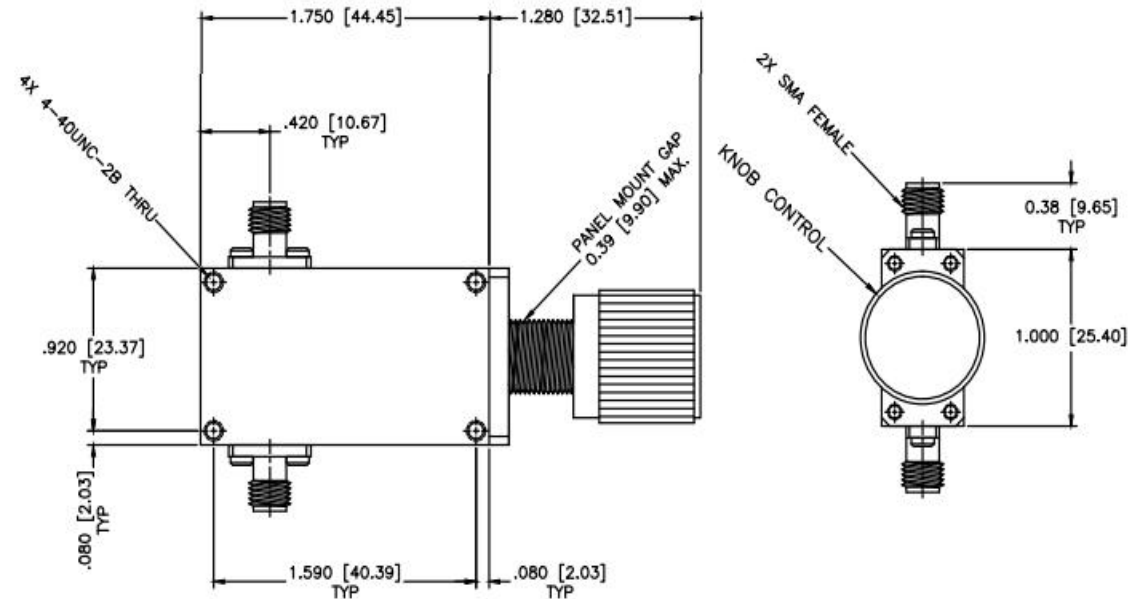


CMAT-8G18G-20 is a variable attenuator from Connphy. This SMA microwave attenuator is a continuously variable attenuator design. Our coaxial 50 Ohm adjustable attenuator is precision manufactured to RF and microwave industry specifications.

Features:

- Low VSWR, Low Insertion Loss
- Excellent Linearity, Monotonicity
- Good Stability Across Temperature Range

Mechanical Outline(Inches) :



Specifications:


Frequency Range: 8.0-18.0 GHz
 Insertion Loss: 0.5 dB Max
 Attenuation Range: 0-20 dB
 VSWR(dB): 1.7:1 Max
 Flatness: +/-1.8 dB Max
 Power Handling: 7W average, 3kW peak
 RF Connectors: SMA

Notes:

Lock Nut Counting Dial And Direct Reading Options Are Available.

Environmental Ratings:

Temperature: -50°C to +80 °C Operating
 -65 °C to +110 °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

| Continuously Variable Attenuator CMAT-8G18G-20 | | | |
|---|-------------------|----------------------|---|
| 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. |