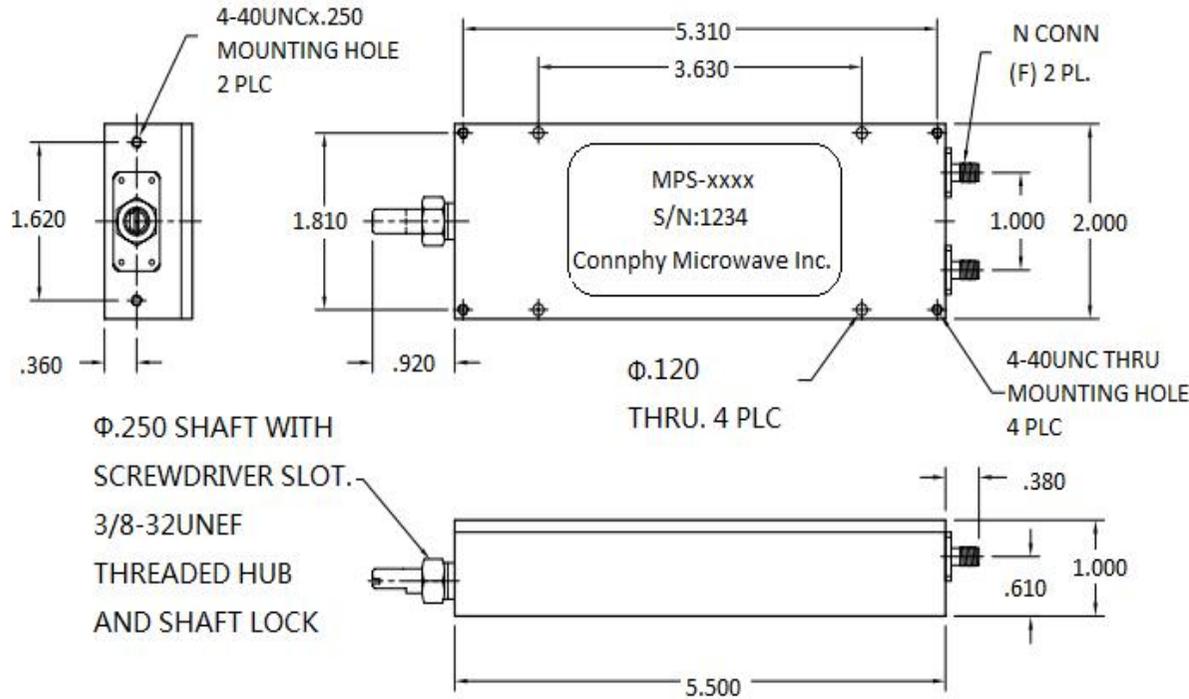


**MPS-17G18.2G-0360-N** 0 - 360° during frequency range, actual phase shift varies linearly, corresponding to the Frequency unit is operating at.

Features:

- frequency range: 17 to 18.2G
- adjustable phase shift: 0 to 360°

### Mechanical Outline(Inch):



### Electrical Specifications:

- Frequency range: 17 to 18.2 G
- Adjustable Phase shift: 0 to 360°
- Insertion loss: 1 dB Max
- VSWR: 1.6:1 Max
- Power: 100 W average, 3kW peak
- Connectors: N
- Adjustable Group Delay: 0 to 0.169 ns
- Insertion Phase @ 1.0 GHz: 320° (min setting)
- Settable: One rotation at 1.0GHz is approx 3.5°
- Temperature Stability: 0.025°/DC°/GHz

### Mechanical Specification:

- Size: 5.5" x 2.2" x 1.0"
- Body: Aluminum
- Connectors: Stainless Steel
- Control: 0.25" dia. multi-turn Non-translating shaft, with approx. 18 turns from min to max phase adjust

### 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

### Manual Phase Shifter MPS-17G18.2G-0360-N

DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 <a href="http://www.connphy.com">www.connphy.com</a> <a href="mailto:sales@connphy.com">sales@connphy.com</a>
CHECKRD:	DATE: 12/09/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	
			Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.