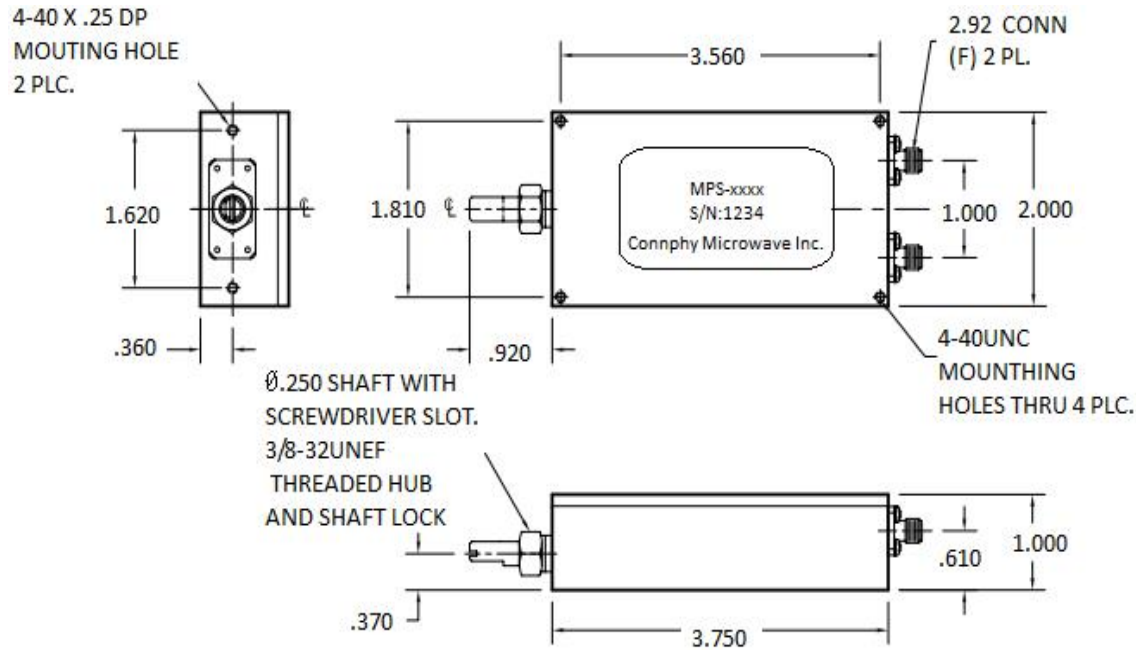


MPS-18G40G-0360-K 0 - 360° during frequency range, actual phase shift varies linearly, corresponding to the Frequency unit is operating at.

Features:

- frequency range: 18 to 40G
- adjustable phase shift: 0 to 360°

Mechanical Outline(Inch):



Electrical Specifications:

- Frequency range: 18 to 40G
- Adjustable phase shift: 0 to 360°
- Insertion loss: 2.5dB max
- VSWR: 2:1 max
- Power: 100W average, 3kW peak
- Connectors: 2.92
- Adjustable Group Delay: 0 to 0.085 ns
- Insertion Phase @ 1.0 GHz: 240° (min setting)
- Settable: One rotation at 1.0GHz is approx 3.5°
- Temperature Stability: 0.025°/DC°/GHz


Mechanical Specification:

- Size: 3.75" x 2.0" x 1.0"
- Body: Aluminum
- Connectors: Stainless Steel
- Control: 0.25" dia. multi-turn Non-translating shaft, with approx. 10 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-18G40G-0360-K

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