

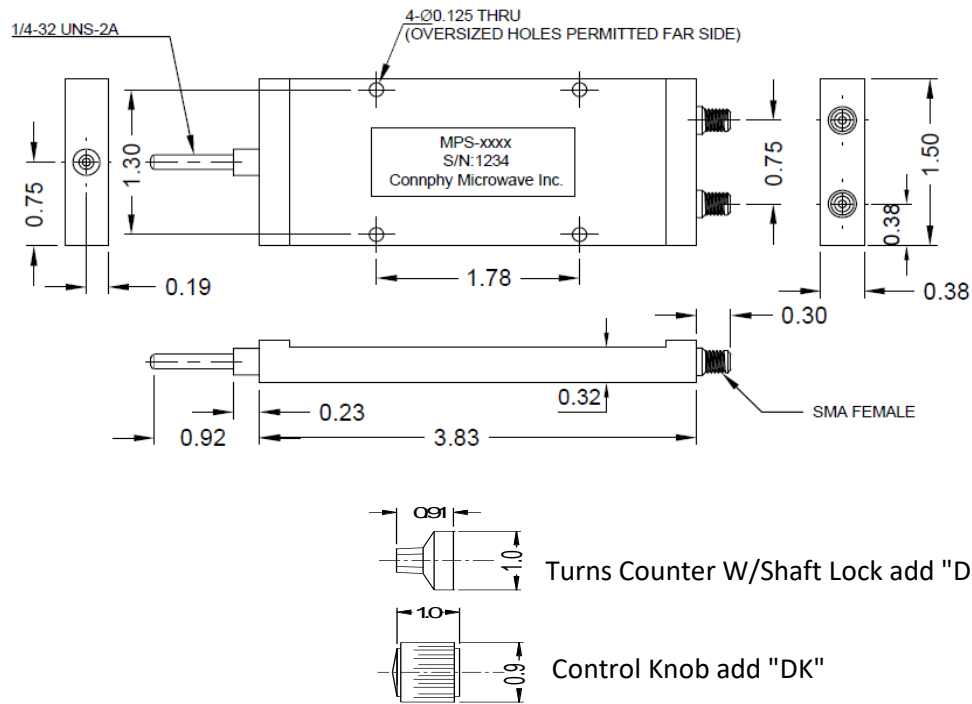
MPS-DC18G-40-S 0-40°/GHz Models achieve 40° minimum of phase shift @ 1GHz, actual phase shift varies linearly, corresponding to the Frequency unit is operating at.

Example:

If operated @ 2GHz, the unit can achieve 80° phase shift min.,

If operated @ 4GHz operation, the unit can achieve 160° phase shift min., and so on.

Mechanical Outline(Inch):



Environmental Ratings:

Temperature: -40°C to +125 °C Operating
-65 °C to +120 °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

Electrical Specifications:

Frequency range: DC to 18 GHz

Adjustable Phase shift: 0 to 40°/GHz

Insertion loss: 1.5 dB Max

VSWR: 1.6:1 Max

Power: 100W average, 1kW peak

Connectors: SMA Female

Insertion Phase @ 1.0 GHz: 140° (min setting)

Settable: 1.5° /GHz/Shaft Turn

Mechanical Specification:

Size: 3.83" x 1.5" x 0.38"

Body: Aluminum

Connectors: Stainless Steel

Control: 0.25" dia. multi-turn Non-translating shaft, with approx. 26 turns from min to max phase adjust

Manual Phase Shifter MPS-DC18G-40-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 CONNPHY Microwave Inc. 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.