

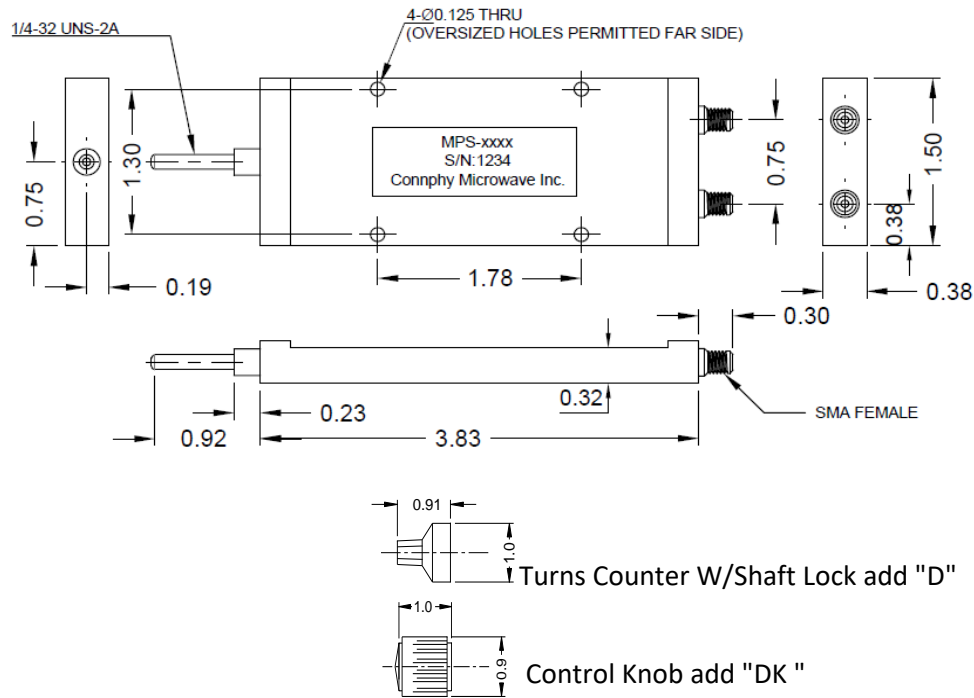
**MPS-DC26.5G-40-K** 0-40°/GHz Models achieve 40° minimum of phase shift @ 1GHz, actual phase shift varies linearly, corresponding to the Frequency unit is operating at.

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 26.5 GHz  
 Adjustable Phase shift: 0 to 40°/GHz  
 Insertion loss: 1.75 dB Max  
 VSWR: 2.0:1 Max  
 Power: 100W average, 1kW peak  
 Connectors: 2.92mm Female  
 Insertion Phase @ 1.0 GHz: 130° (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-DC26.5G-40-K			
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.