

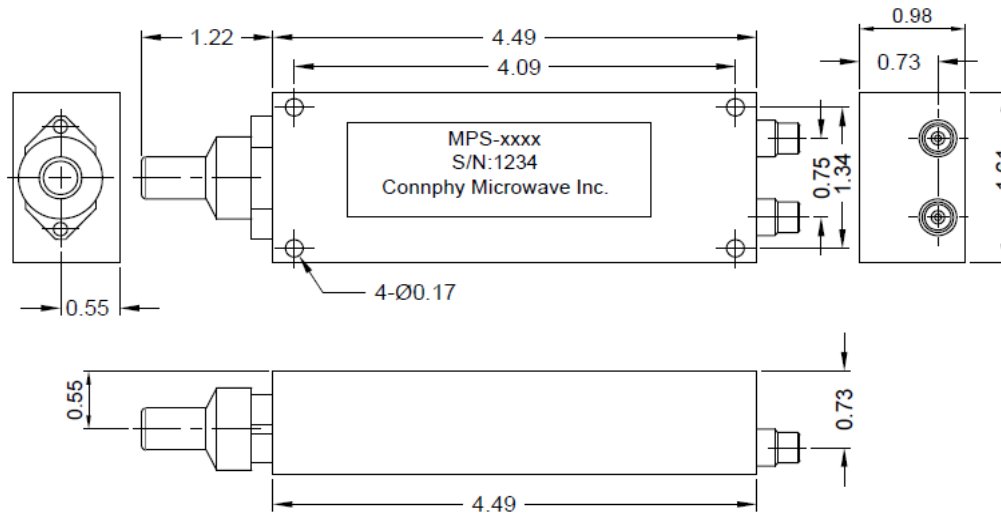
MPS-DC40G-50-K-D 0-50°/GHz Models achieve 50° minimum of phase shift @ 1GHz, actual phase shift varies linearly, corresponding to the Frequency unit is operating at.

Example:

If operated @ 2GHz, the unit can achieve 100° phase shift min.,

If operated @ 4GHz operation, the unit can achieve 200° 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 40 GHz
 Adjustable Phase shift: 0 to 50°/GHz
 Insertion loss: 1.3 dB Max
 VSWR: 1.3:1 Max
 Adjustable Group Delay: 0 to 0.140 ns
 Power: 100W average, 5kW peak
 Drive mechanism: Control shift ϕ 3mm Varnier Dial
 Connectors: 2.92mm Female

Mechanical Specification:

Size: 4.49" x 1.61" x 0.98"
 Body: Aluminum
 Connectors: Stainless Steel

Manual Phase Shifter With Micrometer Driven			
MPS-DC40G-50-K-D			
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.