

CDPS-4G8G-360-6 is an 6-Bit Digital Phase Shifter that operates over the 4.0 GHz to 8.0 GHz frequency range. This model offers 360° of phase shift with an LSB of 5.625°.

Features:

- 4.0-8.0 GHz
- 5.625°LSB, 360°Range
- TTL Driver

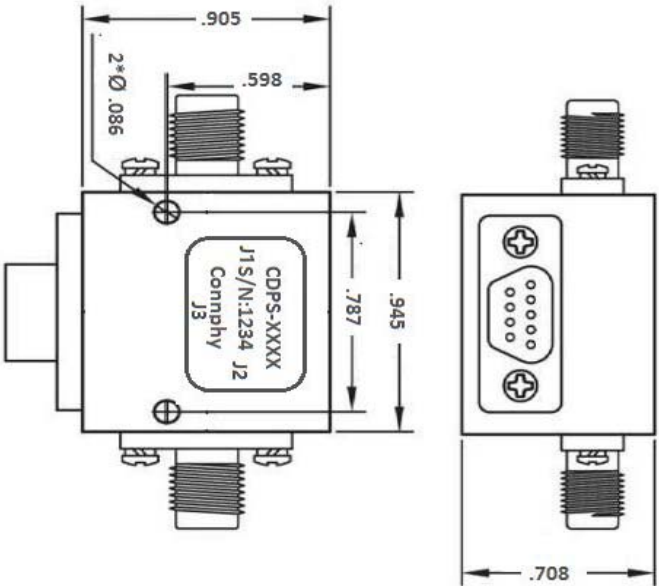
Specifications:

Frequency Range:	4.0-8.0 GHz
Insertion Loss:	6.0 dB Typ
Number of Bits:	6
Least Significant Bit(LSB):	5.625°
Phase Range:	360°
Amplitude Error:	+/- 0.5 dB Max
Phase Shift Error:	+/- 5.0°Typ
VSWR(dB):	1.8:1 Max
Power Handling:	+18 dBm Max
Switching Time:	100 nsec Typ
Control Logic:	TTL
Power supply:	+/- 5 Vdc @ +/- 300 mA, Typ
RF Connectors:	SMA Female
Notes:	
Bi-directional. Either J1 or J2 can be used as input.	
J3 - DC Connector (DC Power & Logic)	

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

Mechanical Outline(Inches) :



6-Bit Digital Phase Shifter				
CDPS-4G8G-360-6				
DRAWN:	DWG NO.:	REV CODE:	 www.connphy.com sales@connphy.com	
CHECKRD:	DATE:	SHEET :		
	08/07/15	1 OF 1		
ISSUED:	SIZE:	SCALE :	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.	
	A	N / A		