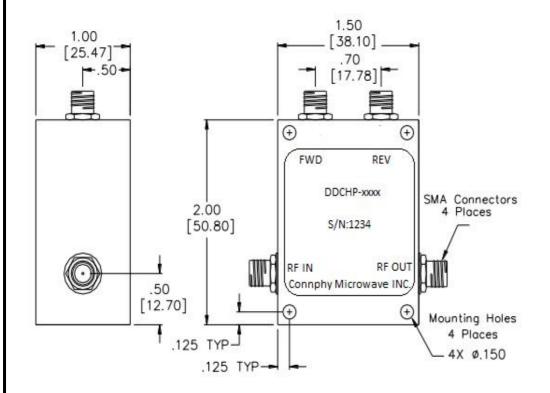
**DDCHP-20M0.4G-30-S** is a  $30\pm1$ dB coupling high power dual directional coupler, designed to operate over the 20M to 0.4 GHz frequency range, with compact size. This model is designed to handle 50W max input power, and also performs with low insertion loss of 0.3dB max and with coupling flatness of  $\pm$ 0.5dB max, and low VSWR of 1.15 max.

## Mechanical Outline(Inch/mm):



## **Specifications:**

Coupling:	30±1dB
Frequency:	20M-0.4GHz
Insertion Loss:	0.3dB Max
Coupling flatness:	±0.5dB Max
Directivity:	20dB Min
Power Handling:	50W Max
VSWR:	1.15:1 Max
Connectors:	SMA-F(N optional)

## **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	

High Power Dual Directional Coupler DDCHP-20M0.4G-30-S			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	<b>CONNPHY</b> Microwave Inc.
CHECKRD:	DATE:	SHEET :	www.connphy.com
	18/04/15	1 OF 1	sales@connphy.com
ISSUED:	SIZE:	SCALE :	Notes: SPEC ARE SUBJECT TO
	A	N / A	CHANGE WITHOUT NOTICE.