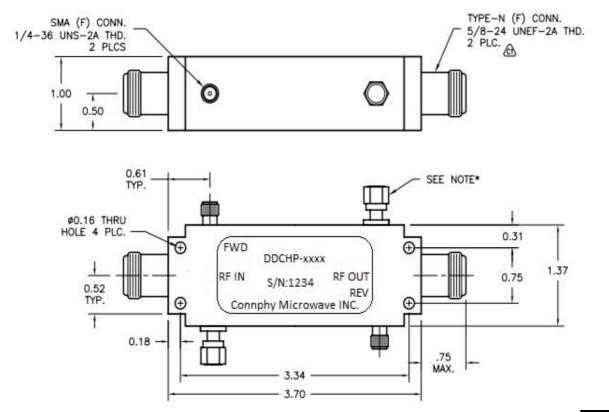
**DDCHP-1G2G-30-N** is a  $30\pm1$ dB (40,50 optional) coupling high power dual directional coupler , designed to operate over the 1-2GHz frequency range, with compact size. This model is designed to handle 500W max input power, and also performs with low insertion loss of 0.2dB max and with coupling flatness of  $\pm1$ dB max, and low VSWR of 1.2 max.

## Mechanical Outline(Inch):



-				•	
S	pe	CITI	cati	ion	S:
-		•••••			

Coupling:		30 <b>±</b> 1dB
		(40,50
optional)		
Frequency:		1-2GHz
Insertion Loss:		0.2dB max
Coupling flatness:		±1dB max
Directivity:		23dB min
Power Handling	5:	500W max
VSWR:		1.2:1 max
Connectors:	In-Out: N Fema	le
	Coupling: SMA	Female

## **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-1G2G-30-N						
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.			