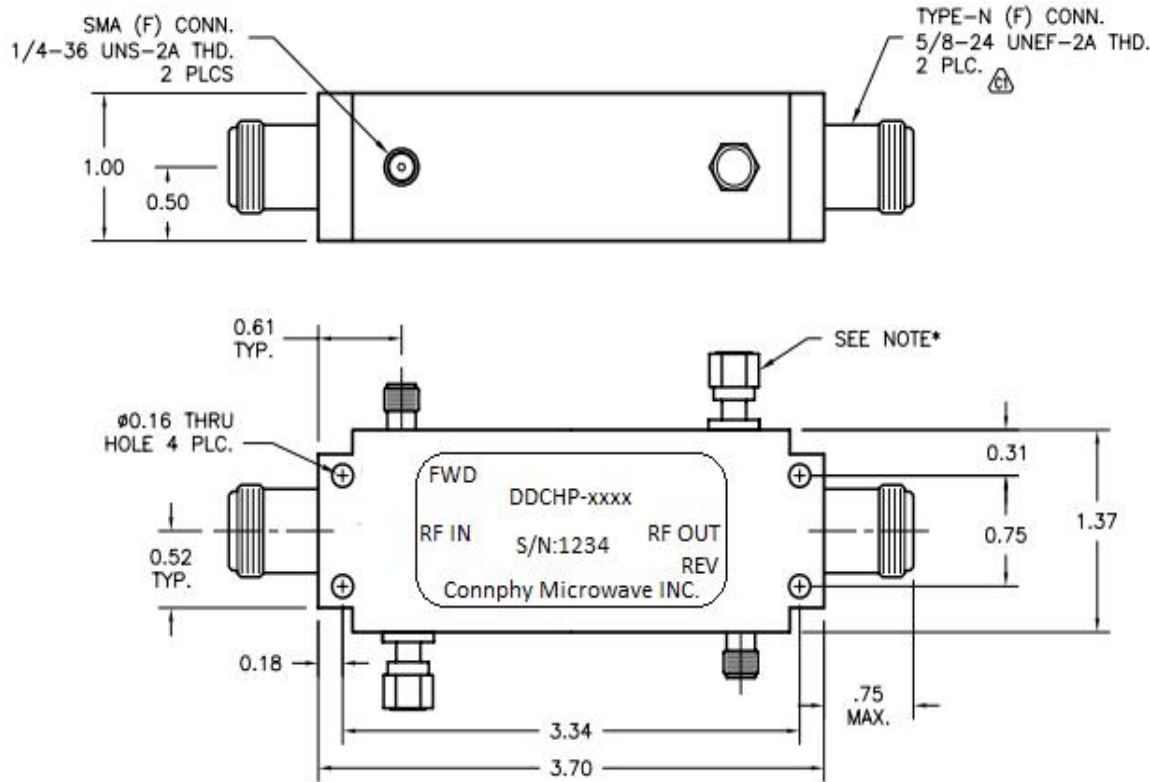


**DDCHP-1G4G-30-N** is a  $30\pm 1\text{dB}$  (40,50 optional) coupling high power dual directional coupler, designed to operate over the 1-4GHz frequency range, with compact size. This model is designed to handle 500W max input power, and also performs with low insertion loss of 0.2dB max and with coupling flatness of  $\pm 1\text{dB}$  max, and low VSWR of 1.25 max.

**Mechanical Outline(Inch):**



**Specifications:**

Coupling:  $30\pm 1\text{dB}$   
(40,50 optional)  
Frequency: 1-4GHz  
Insertion Loss: 0.2dB max  
Coupling flatness:  $\pm 1\text{dB}$  max  
Directivity: 22dB min  
Power Handling: 500W max  
VSWR: 1.25:1 max  
Connectors: In-Out: N Female  
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-1G4G-30-N			
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: 18/04/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.