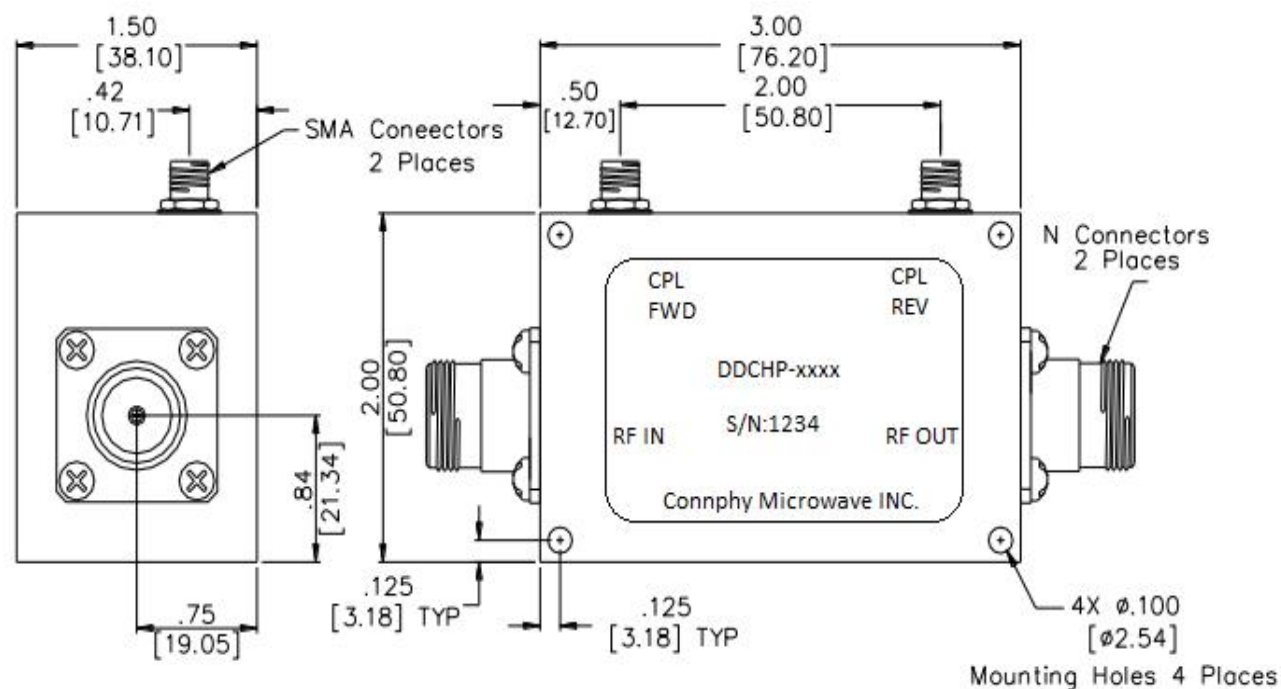


**DDCHP-80M1G-50-N** is a  $50\pm 1\text{dB}$  coupling high power dual directional coupler, designed to operate over the 80M-1GHz frequency range, with compact size. This model is designed to handle 1500W max input power, and also performs with low insertion loss of 0.3dB max and with coupling flatness of  $\pm 1\text{dB}$  max, and low VSWR of 1.2 max

## Mechanical Outline(Inch/mm):



## Specifications:


Coupling:	50±1dB
Frequency:	80M-1GHz
Insertion Loss:	0.3dB max
Coupling flatness:	±1dB max
Directivity:	20dB min
Power Handling:	1500W
max	
VSWR:	1.2:1 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-80M1G-50-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.