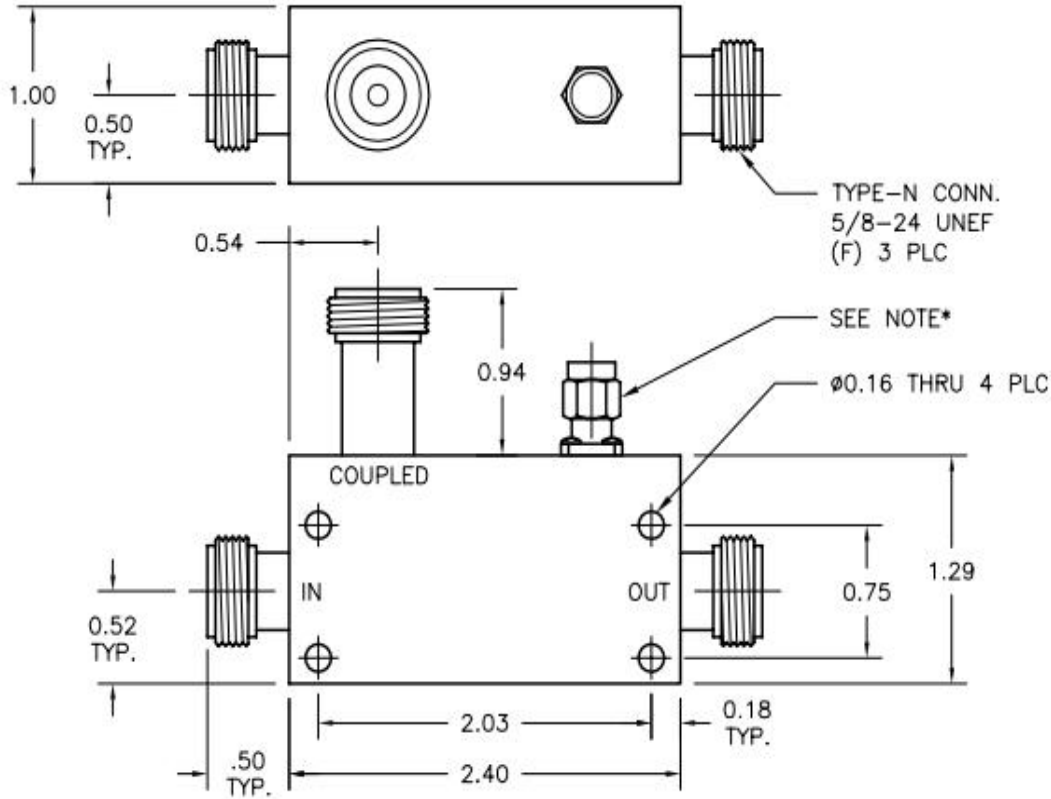


DCHP-4G8G-20-N is a $20 \pm 1.3\text{dB}$ (30 optional) coupling high power directional coupler, designed to operate over the 4-8GHz frequency range, with compact size. This model is designed to handle 200W max input power, and also performs with low insertion loss of 0.3dB max and with coupling flatness of $\pm 1.3\text{dB}$ max, and low VSWR of 1.3 max.

Mechanical Outline(Inch):




Specifications:

Coupling: $20 \pm 1.3\text{dB}$ (30 optional)
 Frequency: 4-8GHz
 Insertion Loss: 0.3dB max
 Coupling flatness: $\pm 1.3\text{dB}$ max
 Directivity: 15dB min
 Power Handling: 200W max
 VSWR: 1.3:1 max
 Connectors: N-Female
 SMA optional for coupling port

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 Directional Coupler DCHP-4G8G-20-N			
DRAWN:	DWG NO.:	REV CODE: Rev.1.0	 www.connphy.com sales@connphy.com
CHECKRD:	DATE: 18/04/15	SHEET : 1 OF 1	
ISSUED:	SIZE: A	SCALE : N / A	Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE.