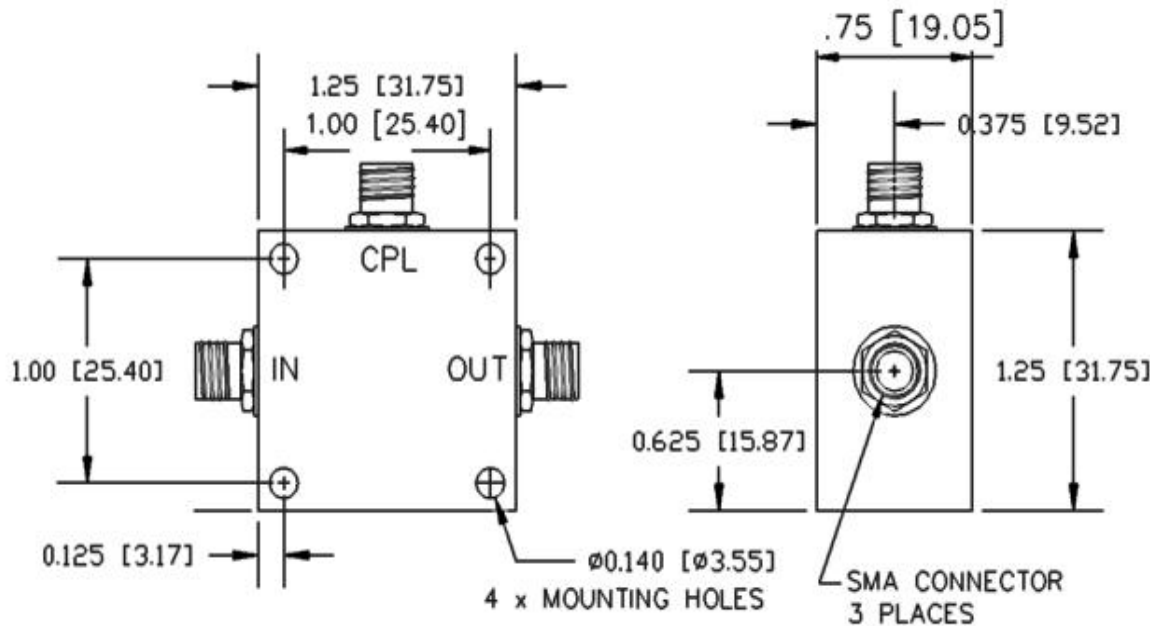


**DC-1M0.5G-20-S** is a  $20\pm 0.5\text{dB}$  coupling directional coupler, designed to operate over the 1M--0.5GHz frequency range, with compact size. This model is designed to handle 3W mx input power, and also performs with low insertion loss of 0.6dB max and with coupling flatness of  $\pm 0.4\text{dB}$  max, and low VSWR of 1.2 max.

### Mechanical Outline(Inch/mm):




### Specifications:

Coupling:	20±0.5dB
Frequency:	1M--0.5GHz
Insertion Loss:	0.6dB max
Coupling flatness:	±0.4dB max
Directivity:	22dB min
Power Handling:	3W max
VSWR:	1.2:1 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

Directional Coupler DC-1M0.5G-20-S			
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.