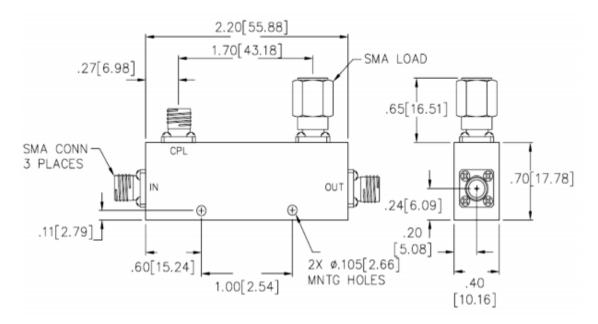
**DC-2G18G-6-S** is a 6±1dB coupling directional coupler , designed to operate over the 2.0 to 18.0 GHz frequency range, with compact size. This model is designed to handle 4W mx input power, and also performs with low insertion loss of 1.0dB max and with coupling flatness of ±0.5dB max, and low VSWR of 1.5 max.

## **Mechanical Outline(Inch/mm):**



## **Specifications:**

Coupling:
Frequency:
Insertion Loss:
Coupling flatness:
Directivity:
Power Handling:
VSWR:
Connectors:

6±1dB 2.0 to 18.0 GHz 1.0dB max ±0.5dB max 12dB min 50W max 1.5:1 max SMA-F(N Optional)

## **Environmental Ratings:**

5ºC to +71 ºC Operating
5 ºC to +100 ºC Non-Operating
IL-STD-202F, Method 204D Cond. B
IL-STD-202F, Method 105C Cond. B
IL-STD-202F, Method 107D Cond. A

Directional Coupler DC-2G18G-6-S				
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.	