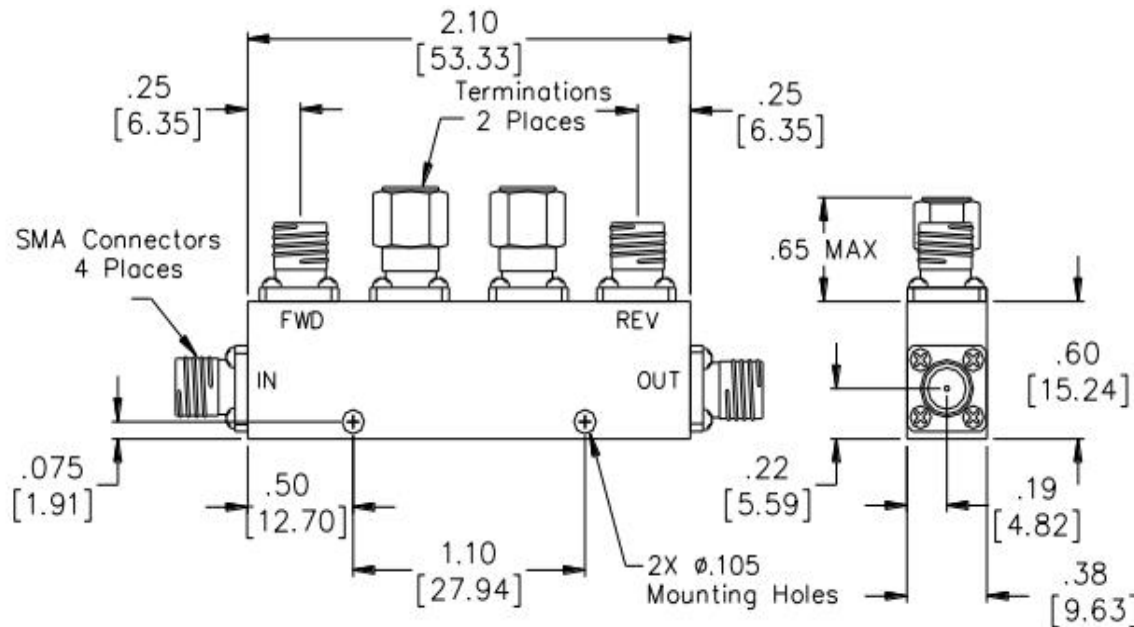


DDC-12.5G18G-30-S is a $30\pm 1.2\text{dB}$ coupling Dual Directional Coupler, designed to operate over the 12.5 to 18.0 GHz frequency range, with compact size. This model is designed to handle 50W mx input power, and also performs with low insertion loss of 1.0dB max and with coupling flatness of $\pm 0.6\text{dB}$ max, and low VSWR of 1.4 max.

Mechanical Outline(Inch/mm):




Specifications:

Coupling:	$30\pm 1.2\text{dB}$
Frequency:	12.5 to 18.0 GHz
Insertion Loss:	1.0dB max
Coupling flatness:	$\pm 0.6\text{dB}$ max
Directivity:	15dB min
Power Handling:	50W max
VSWR:	1.4:1 max
Connectors:	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

Dual Directional Coupler DDC-12.5G18G-30-S			
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.