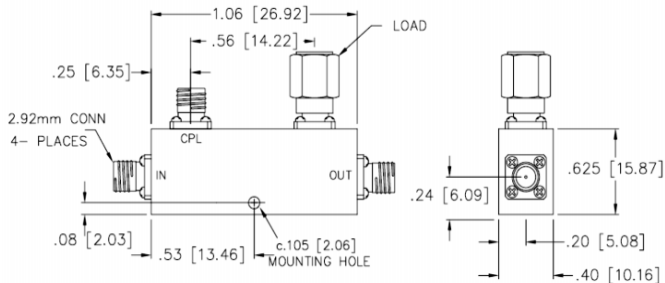


**DC-8G26.5G-10-K** is a  $10\pm 1$ dB coupling directional coupler, designed to operate over the 18 to 26.5GHz frequency range, with compact size. This model is designed to handle 10W mx input power, and also performs with low insertion loss of 1dB max and with coupling flatness of  $\pm 0.7$ dB max, and low VSWR of 1.6 max.

## Mechanical Outline(Inch/mm):



## Specifications:

Coupling:	10 $\pm$ 1dB
Frequency:	8 to 26.5GHz
Insertion Loss:	1dB max
Coupling flatness:	$\pm 0.7$ dB max
Directivity:	13dB min
Power Handling:	25W max
VSWR:	1.6:1 max
Connectors:	2.92 Female

## Environmental Ratings:

Temperature:	-25 $^{\circ}$ C to +71 $^{\circ}$ C Operating
	-65 $^{\circ}$ C to +100 $^{\circ}$ 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-8G26.5G-10-K

DRAWN:	DWG NO.:	REV CODE: Rev.1.0
CHECKRD:	DATE: 18/04/15	SHEET: 1 OF 1
ISSUED:	SIZE: A	SCALE: N / A

**CONNPHY**  
Microwave Inc.  
[www.connphy.com](http://www.connphy.com)  
[sales@connphy.com](mailto:sales@connphy.com)

Notes: SPEC ARE SUBJECT TO  
CHANGE WITHOUT NOTICE.