

# PDM-84G SERIES – 0° POWER DIVIDERS/COMBINERS

## TECHNICAL FEATURE

### FEATURES

- 2 to 18 GHz
- 8-way
- Uniform Phase & Amplitude Balance
- Low Insertion Loss
- High Isolation
- SMA

<b>PRINCIPAL SPECIFICATIONS</b>											
Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insertion Loss, dB, Max.	Phase Balance, Max.	Amplitude Balance, dB, Max.	VSWR, Max.		CW Power, W, at load VSWR			Outline Dwg.
						In	Out	1.2:1	2.0:1	∞	
PDM-84-5G	2.0 - 8.0	18	1.5	8°	0.5	1.6:1	1.5:1	30	10	1	1
PDM-84-12G	6.0 - 18.0	15	2.0	12°	0.5	1.60:1	1.50:1	30	10	1	2

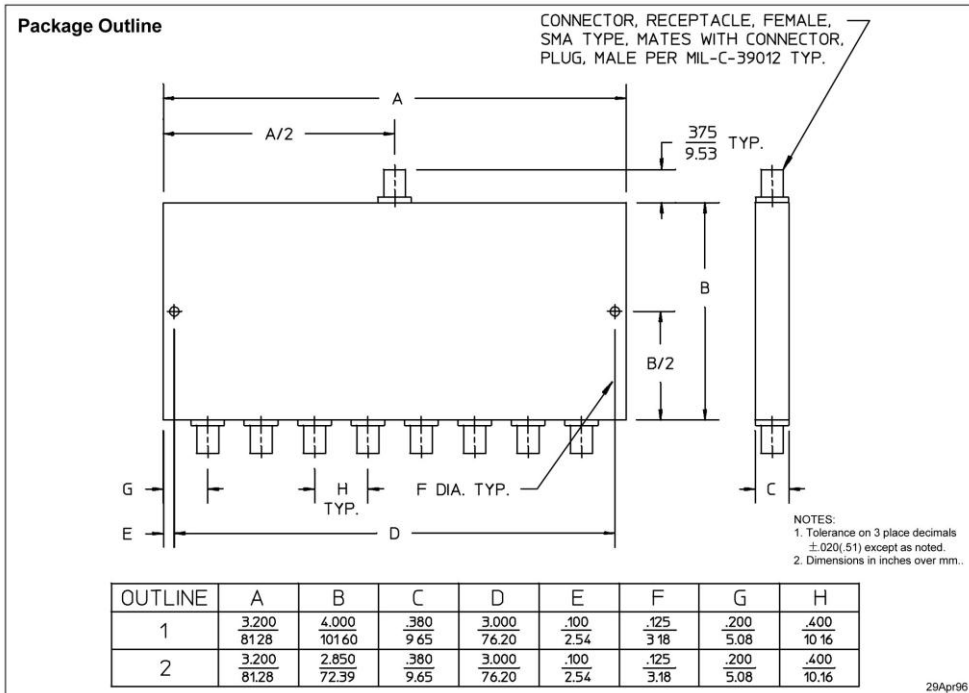
**General Notes:**  
 1. The PDM-84-G series eight way Power Divider/Combiners covers 2 to 18 GHz using a multi-section stripline Wilkinson design providing high isolation and low VSWR. Etched PTFE fiberglass stripline circuits are encased in an aluminum machined housing that minimizes moding and provides an effective RF shield.

**GENERAL SPECIFICATIONS**

Impedance: 50 Ω nom.

Weight, nominal:  
 PDM-84-5G: 8.5 oz (240 g)  
 PDM-84-12G: 6.5 oz (185 g)

Operating Temperature: -55° to +85°C



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