# PDM-44M SERIES – 0° POWER DIVIDERS/COMBINERS

## **TECHNICAL FEATURE**

### **FEATURES**

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

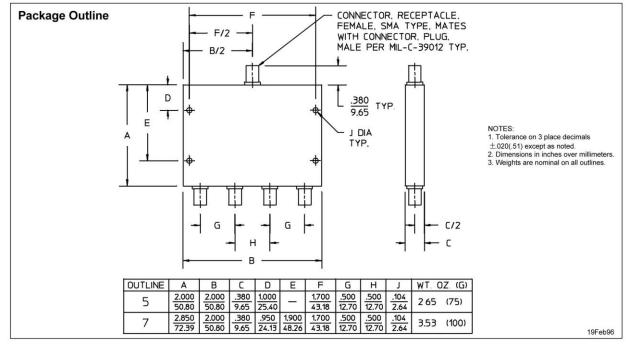
			PRINCIPAL SPECIFICATIONS								
Model Number	Freq. Range, GHz	lsolation, dB, Min.	Insertion Loss, dB, Max.		Amplitude Balance, dB, Max.		WR, ax. Out	CW Inpe Max., wit 1.2:1	hVSW		Outline Dwg Ref.
PDM-44M-10G PDM-44M-13G			2.00 1.50	6° 6°		1.60:1 1.50:1	1.50: 1.50:		10W 10W	1W 1W	7 5

#### General Notes:

1. The PDM-44M series of 4-way Power Dividers/Combiners covers 2 to 18 GHz using a multi-section Wilkinson design providing high isolation and low VSWR. Etched PTFE fiberglass stripline circuits are encased in a miniature machined housing that minimizes moding and provides an effective RF shield.

GENERAL SPECIFICATIONS
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Impedance:	50 $\Omega$ nom.
Operating Temperature:	– 55° to +85°C
Available Connectors:	(Inquire)



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