

PDM-81M-6GH — 0° POWER DIVIDER/COMBINER

TECHNICAL FEATURE

FEATURES

- 4 - 8 GHz
- 8 - Way
- Hermetic
- Low Insertion Loss
- High Isolation
- K-Connectors

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range GHz	Isolation dB Min.	Insertion Loss, dB Max.	Phase Balance Max.	Amplitude Balance dB Max.	VSWR Max.		CW Input, W, Load VSWR out		
						In	Out	1.2:1	2.0:1	∞
PDM-81M-6GH	4.0 - 8.0	20	0.8	6°	0.8	1.30:1	1.35:1	30	10	1

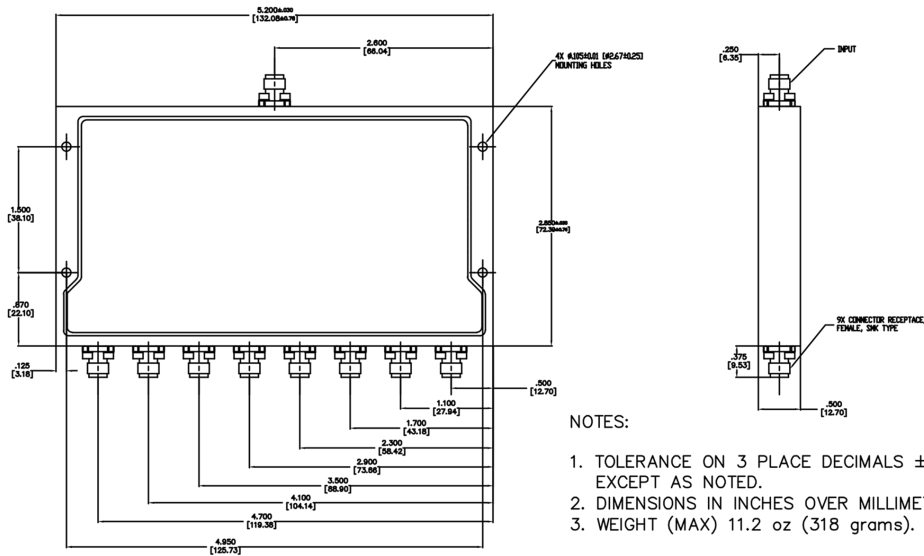
GENERAL NOTES

- The PDM-81M-6GH series 8-way Power Divider/Combiner covers the band from 4 to 8 GHz in octave bands. Each uses a conventional Wilkinson design which provides high isolation and low VSWR.

GENERAL SPECIFICATIONS

- Coupling- 9 dB nom.
- Impedance.....50 Ω nom.
- Internal Load Dissipation..... 150 mW
- Weight, max 11.2 oz (318g)
- Operating Temperature -55° to +85° C

PACKAGE OUTLINE



- NOTES:
- TOLERANCE ON 3 PLACE DECIMALS ±.020(.51) EXCEPT AS NOTED.
 - DIMENSIONS IN INCHES OVER MILLIMETERS.
 - WEIGHT (MAX) 11.2 oz (318 grams).

