

PDM-21M-1.5GH — 0° POWER DIVIDER/COMBINER

TECHNICAL FEATURE

FEATURES

- 1.0 - 2.0 GHz
- 2 - Way
- Hermetic
- High Isolation
- Low Insertion Loss
- 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-21M-1.5GH	1.0 - 2.0	22	0.25	3°	0.2	1.25:1	1.20:1	10	1	0.1

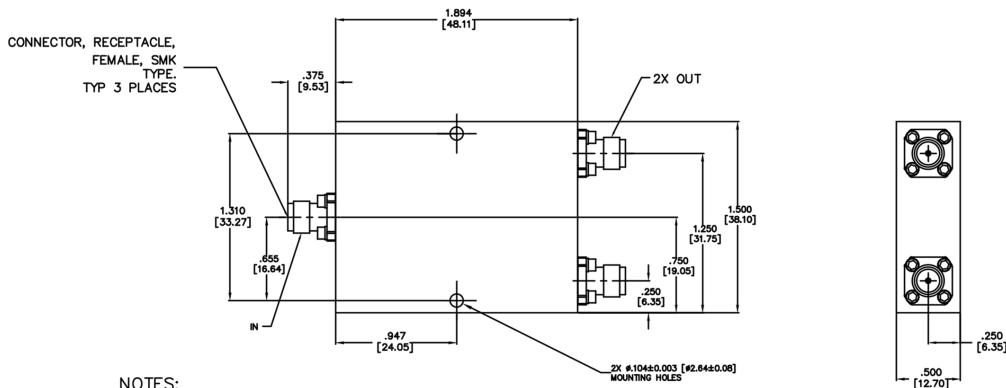
GENERAL NOTES

1. The PDM-21M-1.5GH series of 2-way In-Phase Power Dividers/Combiners covers 1.0 to 2.0 GHz in octave bands. Each uses a conventional Wilkinson design which provides high isolation and low VSWR.

GENERAL SPECIFICATIONS

- Coupling- 3 dB nom.
- Impedance.....50 Ω nom.
- Internal Load Dissipation..... 150 mW
- Weight, max 2.1 oz (60g)
- Operating Temperature -55° to +85° C

PACKAGE OUTLINE



- NOTES:
1. TOLERANCE ON 3 PLACE DECIMALS ±.020(.51) EXCEPT AS NOTED.
 2. DIMENSIONS IN INCHES OVER MILLIMETERS.
 3. WEIGHT (MAX) 2.1 oz (60 grams).

