

PDM & PDML-33-12G – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 6 to 18 GHz
- 3-way
- Excellent Phase & Amplitude Balance
- Low Insertion Loss
- High Isolation
- SMA

PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, GHz.	Insertion Loss, dB, Max.	Phase Balance, Max.	Amplitude Balance, dB, Max.	Isolation, dB, Min.	Profile Thickness, In., Max.	Weight, oz. (g) Nom.	CW Input, Max., With VSWR _{out}		
								1.2:1	2.0:1	∞
PDM-33-12G	6.0 - 18.0	0.7	8°	0.4	17	0.420	2.5(70)	30W	10W	1W
PDML-33-12G	6.0 - 18.0	0.7	8°	0.4	20	0.250	1.5(43)	30W	10W	1W

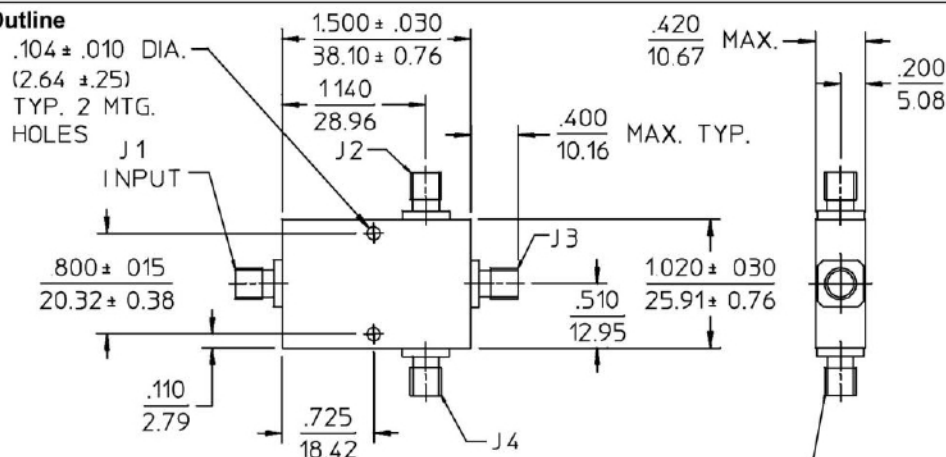
General Notes:

1. The PDM-33-12 G provides three-way in-phase division of microwave signals in the 6 to 18 GHz range. It is one of a series of *true* multi-way Power Dividers developed to meet the demands of broadband systems requiring very low insertion loss and high output isolation. It is available in a special low profile version.

GENERAL SPECIFICATIONS

Input/Output VSWR: 1.4:1 max.
 Impedance: 50 Ω nom.
 Special Welded Version: EMI Screening
 (Model PDML-33-12GW) >100 dBc
 Operating Temperature: -55° to +85°C

Package Outline



CONNECTOR, RECEPTACLE, FEMALE, SMA TYPE, MATES WITH CONNECTOR, PLUG, MALE PER MIL-C-39012 TYP. 4 PLACES

NOTES:

1. Tolerance on 3 place decimals ±.020(.51) except as noted.
2. Dimensions in inches over mm.

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