PDM-63-12G – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

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

PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, GHz	Coupling, dB, Nom.	Insertion Loss, dB, Max.	Phase Balance, Max.	Amplitude Balance, dB, Max.	Isolation, dB, Min.	CW Input Power, Max., with $VSWR_{out}$ 1.2:1	2.0:1	∞
PDM-63-12G	6 - 18	– 7.8	1.3	10°	1.0	16	30W	10W	1W

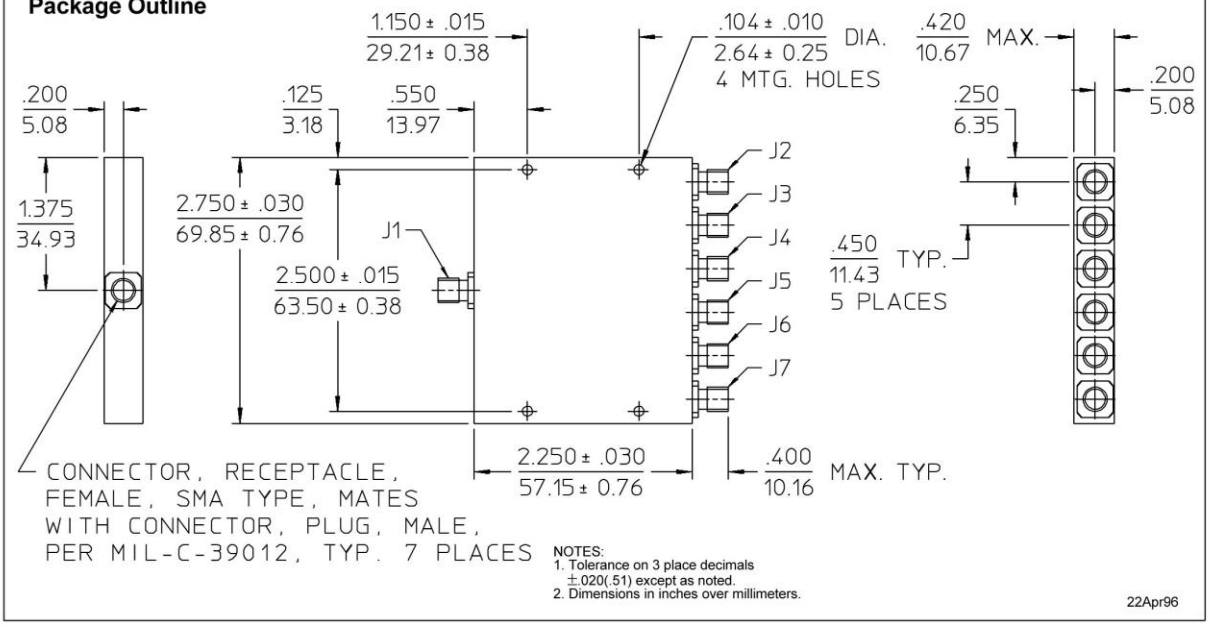
General Notes:

1. The PDM-63-12G provides six way in-phase division of microwave signals in the 6 to 18 GHz frequency band. This unit is one of a series of *true* n-way dividers.

GENERAL SPECIFICATIONS

Impedance:	50 Ω nom.
VSWR, Input:	1.5:1 max.
VSWR, Output:	1.6:1 max.
Weight, nominal:	4.6 oz. (130 g)
Operating Temperature:	– 55° to +95°C

Package Outline



Crane Aerospace & Electronics
Microwave Solutions – Merrimac Industries
41 Fairfield Place, West Caldwell, NJ 07006
+ 1.973.575.1300 ext. 1309 • mw@crane-eg.com
www.craneae.com/mw

PDM6312G.doc. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors. We reserve the right to make changes in products or specifications without notice. Copyright © 2013 Crane Electronics, Inc. All rights reserved.