

**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 <sub>out</sub>		
							1.2:1	2.0:1	∞
PDM-63-12G	6 - 18	- 7.8	1.3	10°	1.0	16	30W	10W	1W

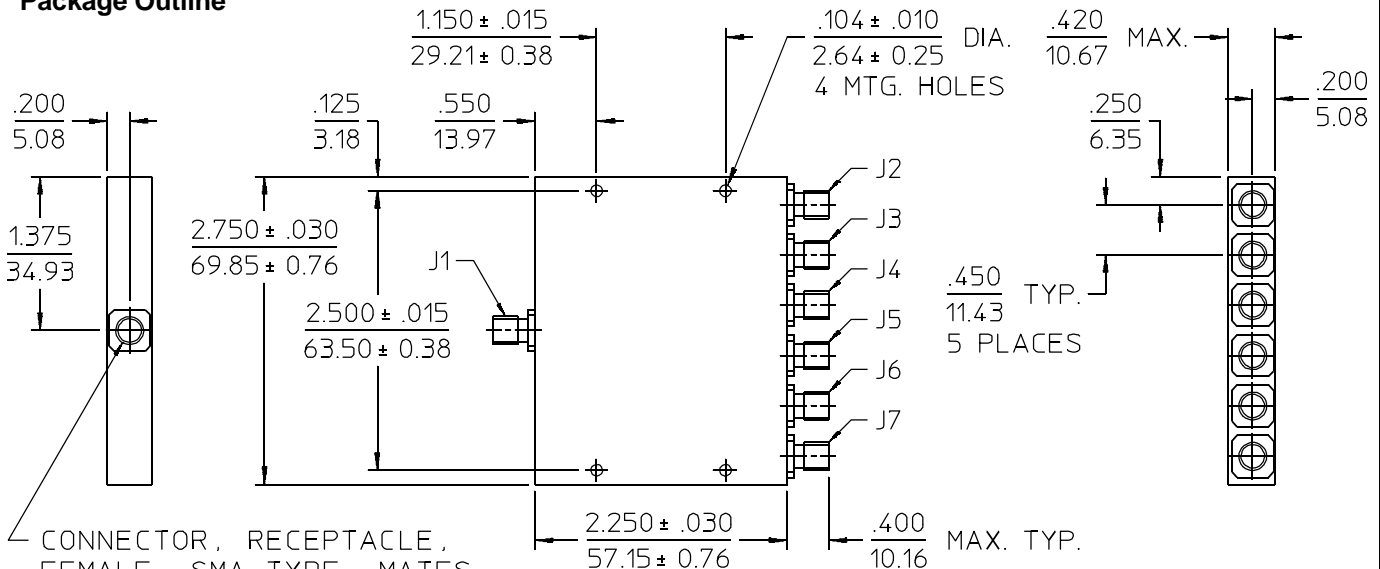
**General Notes:**

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**



CONNECTOR, RECEPTACLE, FEMALE, SMA TYPE, MATES WITH CONNECTOR, PLUG, MALE, PER MIL-C-39012, TYP. 7 PLACES

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

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