



PDM-24-11G SQ 0° DIVIDERS / COMBINERS

REV. 003, 02/05/01

- SPACE QUALIFIED
- 7 - 15 GHz, 2 WAY, SMA



TECHNICAL DESCRIPTION / APPLICATION

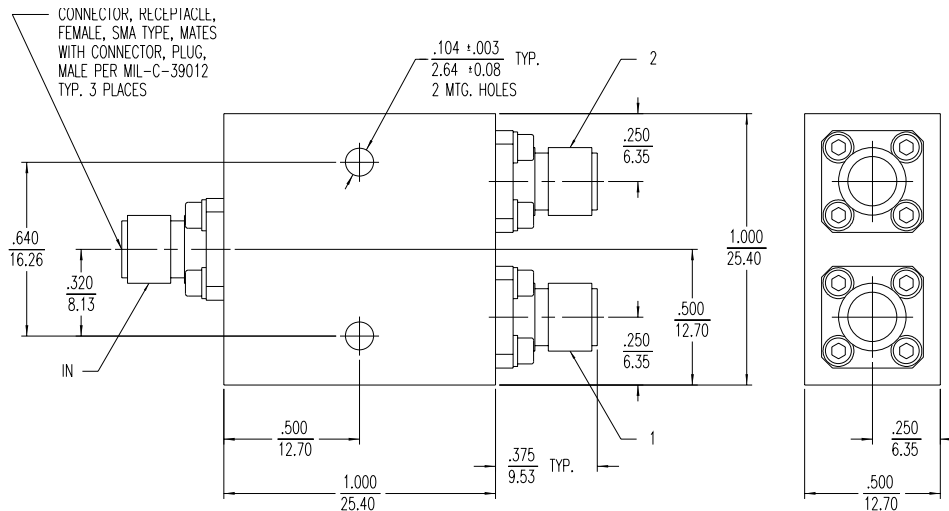
SERIES 06

The PDM-24-11G SQ 2-way In-Phase Power Divider/Combiner covers 7-15 GHz. It uses a conventional Wilkinson design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE GHz	ISOLATION dB		INSERTION LOSS		AMPLITUDE BALANCE		VSWR MAX	
		MIN.	MAX.	MAX.	MAX.	IN	OUT		
PDM-24-11G SQ	7.0 - 15.0	20	0.6	0.2 dB	1.4:1	1.4:1			
PHASE BALANCE	CW INPUT WITH LOAD VSWR 1.2:1		IMPEDANCE		OPERATING TEMPERATURE		WEIGHT		
±5°	2 W		50 OHM		-55° to +85° C		1.2 oz		

PACKAGE OUTLINE



NOTES:

1. TOLERANCE ON 3 PLACE DECIMALS ±.020 (.51mm) EXCEPT AS NOTED.
2. DIMENSIONS IN INCHES OVER MILLIMETERS.