



PDM-24-11G SQ 0° DIVIDERS / COMBINERS

REV. 003, 02/05/01

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



TECHNICAL DESCRIPTION / APPLICATION

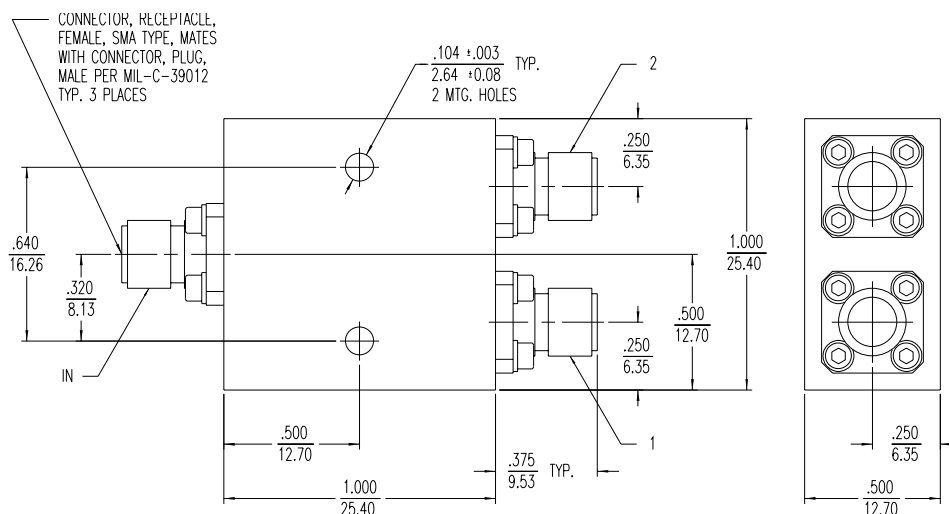
The PDM-24-11G SQ 2-way In-Phase Power Divider/Combiner covers 7-15 GHz. It uses a conventional Wilkinson design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

SERIES 06

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE GHz	ISOLATION dB		INSERTION LOSS		AMPLITUDE BALANCE		VSWR MAX	
		MIN.		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		
			NOM.				MAX.		
±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.