



PDM-21-1.5G SQ 0° DIVIDERS / COMBINERS

REV: 001, 02/20/02

- SPACE QUALIFIED
- 1 - 2 GHz, 2 WAY, SMA



TECHNICAL DESCRIPTION / APPLICATION

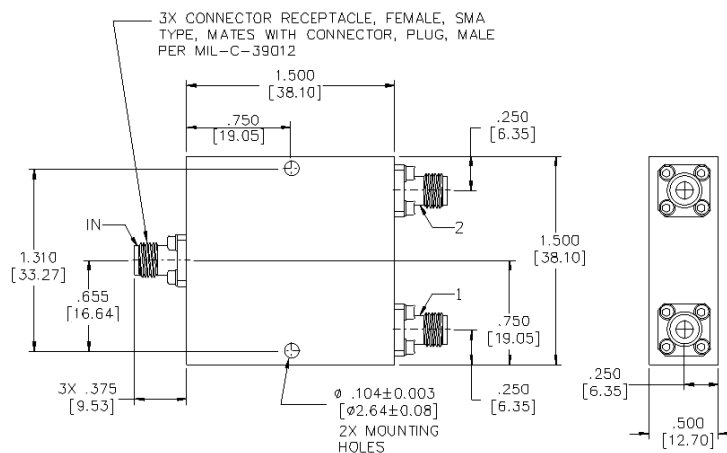
SERIES 03

The PDM-21-1.5G SQ In-Phase Power Divider/Combiner covers 1 - 2 GHz. It uses a conventional Wilkinson design which provides high isolation and low VSWR. This device has been designed in accordance with Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE GHz	ISOLATION dB MIN.	INSERTION LOSS MAX.	AMPLITUDE BALANCE MAX.	VSWR MAX	
					IN	OUT
PDM-21-1.5G SQ	1 - 2	22	0.25 dB	0.2 dB	1.25:1	1.20:1
PHASE BALANCE	CW INPUT WITH LOAD VSWR 1.2:1		IMPEDANCE NOM.	OPERATING TEMPERATURE	WEIGHT MAX.	
±3°	2 W		50 OHM	-55° to +85 ° C	2.2 oz	

PACKAGE OUTLINE



NOTES:

1. TOLERANCE ON 3 PLACE DECIMALS ±.020 [.51mm] EXCEPT AS NOTED.
2. DIMENSIONS=INCHES [mm]