

- SPACE QUALIFIED
- 1.5 - 3.0 GHz, 2 WAY, SMA



TECHNICAL DESCRIPTION / APPLICATION

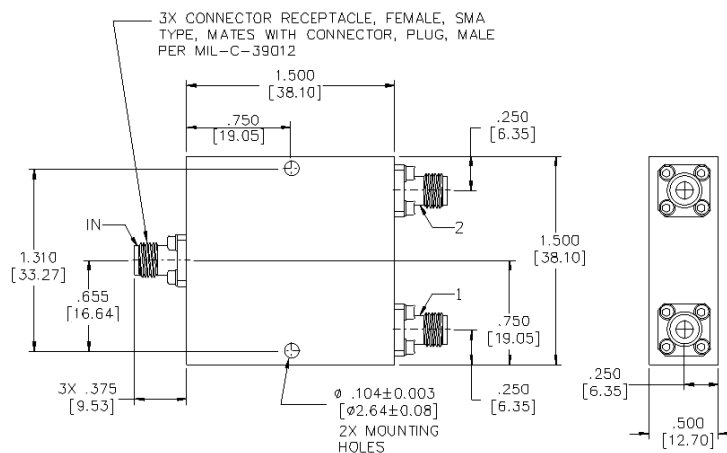
SERIES 03

The PDM-21-2.25G SQ In-Phase Power Divider/Combiner covers 1.5 - 3.0 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		INSERTION LOSS		AMPLITUDE BALANCE		VSWR MAX	
		MIN.	MAX.	MAX.	MAX.	IN	OUT		
PDM-21-2.25G SQ	1.5 - 3.0	22		0.3 dB		0.2 dB		1.20:1	1.20:1
PHASE BALANCE	CW INPUT WITH LOAD VSWR 1.2:1		IMPEDANCE		OPERATING TEMPERATURE		WEIGHT		
±3°	2 W		50 OHM		-55° to +85 ° C		2 oz		

PACKAGE OUTLINE



NOTES:

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