



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



TECHNICAL DESCRIPTION / APPLICATION

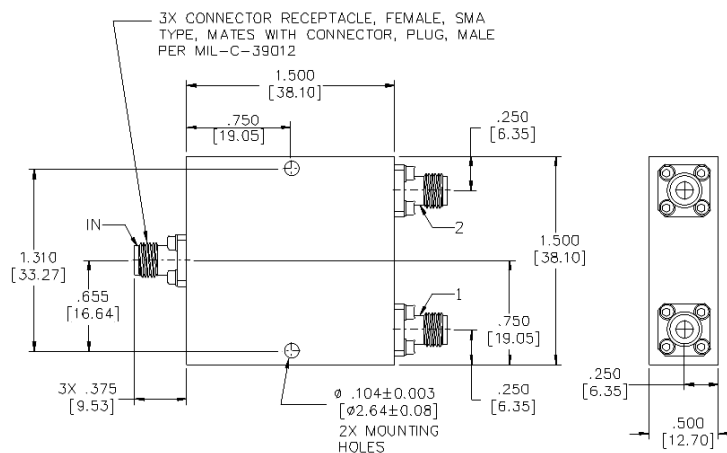
SERIES 03

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.	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		NOM. 50 OHM	-55° to +85 ° C	MAX. 2 oz	

PACKAGE OUTLINE



NOTES:

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