

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 10 - 500 MHz
- 2 way SMA

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range MHz	Isolation dB Min.	Insertion Loss, dB Max.	Amplitude Balance dB Max.	VSWR Max. In	Phase Balance dB Max.	CW Input with Load VSWR 1.2:1	Impedance Nom.	Operating Temperature
PDM-20-250 SQ	10 - 500	25	0.5 (10-400 MHz) 0.6 (400-500 MHz)	0.2	1.3:1	2°	1 W	50 OHM	-55° to +85° C

GENERAL NOTES

The PDM-20-250 SQ In-Phase Power Divider/Combiner covers 10 - 500 MHz. It uses a lumped circuit technology 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"

PACKAGE OUTLINE

