

0° DIVIDERS/COMBINERS - PDM-21-14G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 13 - 15 GHz
- 2 Way SMA



PERFORMANCE

Frequency Range.....	13 - 15 GHz
Isolation.....	.20 min.
Insertion Loss.....	0.6 max. dB
Amplitude Balance.....	0.2 max. dB
VSWR Input/Output.....	1.25:1 in, 1.25:1 out
Phase Balance.....	±3°
CW Input with Load VSWR 1.2:1.....	2 W
Impedance.....	50 Ohm nom.
Operating Temperature.....	-55° to +85° C

DESCRIPTION

The PDM-21-14G SQ In-Phase Power Divider/Combiner covers 13 - 15 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".

PACKAGE OUTLINE

