

0° DIVIDERS/COMBINERS - PDM-21-2.25G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 1.5 - 3.0 GHz
- 2 Way SMA



PERFORMANCE

| | |
|------------------------------------|-----------------------|
| Frequency Range..... | 1.5 - 3.0 GHz |
| Isolation..... | .22 min. |
| Insertion Loss..... | 0.3 max. dB |
| Amplitude Balance..... | 0.2 max. dB |
| VSWR Input/Output..... | 1.20:1 in, 1.20:1 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-21-2.25G SQ In-Phase Power Divider/Combiner covers 1.5 - 3 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

