

0° DIVIDERS/COMBINERS - PDM-21-15G SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 12 - 18 GHz
- 2 Way SMA



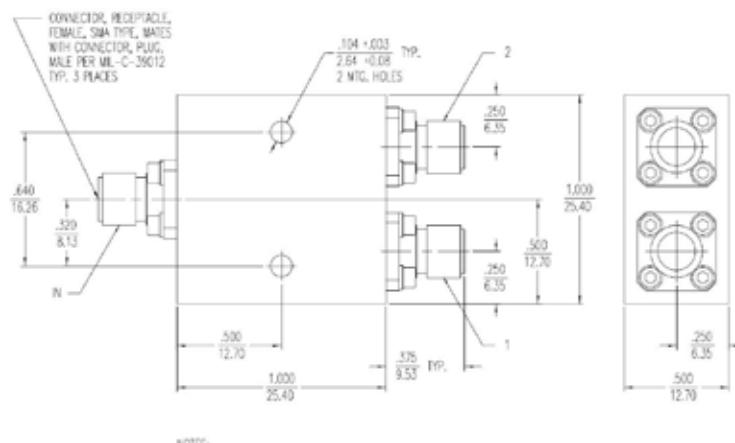
PERFORMANCE

Frequency Range	12 - 18 GHz
Isolation	19 min.
Insertion Loss	0.7 max. dB
Amplitude Balance	0.2 max. dB
VSWR Input/Output.....	1.35:1 in, 1.4:1 out
Phase Balance	±5°
CW Input with Load VSWR 1.2:1.....	2 W
Impedance.....	50 Ohm nom.
Operating Temperature	-55° to +85° C

DESCRIPTION

The PDM-21-15G SQ In-Phase Power Divider/Combiner covers 12 - 18 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



NOTES:
1. TOLERANCE ON 3 PLACE DECIMALS ±.020 (.51mm) EXCEPT AS NOTED.
2. DIMENSIONS IN INCHES OVER MILLIMETERS.