



## **TECHNICAL FEATURE**

## **FEATURES**

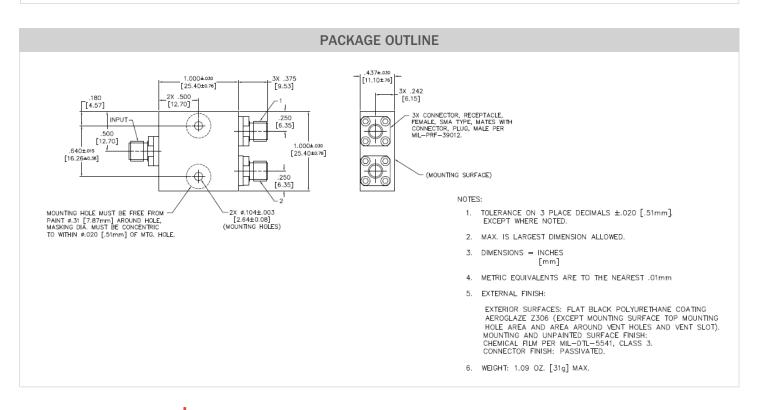
- Space Qualified
- 10.7 14.5 GHz
- 2 Way

## **PRINCIPAL SPECIFICATIONS**

| Model<br>Number | Frequency<br>Range<br>GHz | lsolation<br>dB<br>Min. | Insertion<br>Loss, dB<br>Max. | Phase<br>Balance<br>Max. | Amplitude<br>Balance dB<br>Max. | VS<br>M<br>In | WR<br>ax.<br>Out | CW Input, W,<br>Load VSWR out<br>1.2:1 | Weight<br>Max. |
|-----------------|---------------------------|-------------------------|-------------------------------|--------------------------|---------------------------------|---------------|------------------|--|----------------|
| PDM-21-12.6G SQ | 10.7 - 14.5               | 20                      | 0.6                           | 6°                       | 0.3                             | 1.22:1        | 1.22:1           | 10                                     | 31 g.          |

## TECHNICAL DESCRIPTION / APPLICATION

The PDM-21-12.6G SQ In-Phase Power Divider covers 10.7 - 14.5 GHz. It uses a wideband stripline design which provides high isolation and low VSWR. This unit has been designed, manufactured, and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



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