| PRINCIPAL SPECIFICATIONS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Model Number | Frequency Range, GHz | Insertion Loss, dB , Max. | Phase Balance, Max. | Amplitude Balance, dB, Max. | Isolation, dB , Min. | Input <br> Power,* W, Max. | Peak Power, kW, Max | Internal Dissipation mW, Max. |
| PDM-23-1.7G | 1.0-2.5 | 0.30 | $3^{\circ}$ | 0.2 | 23 <br> *CW input po | $\begin{gathered} 6 \\ \text { er when used } \end{gathered}$ | 1 <br> as divider with | $\begin{gathered} 100 \\ 7 \text { 1.2:1 VSWRout } \end{gathered}$ |

## General Notes:

1. The PDM-23-1.7G 2-way Power Divider/Combiner covers 1.0 GHz to 2.5 GHz using a multi-section Wilkinson stripline design for good output port isolation and balance.
2. This unit complies with MIL-P-23971 and can be supplied screened for compliance with additional specifications for military and space applications requiring the highest reliability.

| GENERAL SPECIFICATIONS |  |
| :--- | :--- |
| Impedance: | $50 \Omega$ |
| Weight: | $7 \mathrm{oz} .(196 \mathrm{~g})$ nom. |
| Operating Temperature: | $-55^{\circ}$ to $+85^{\circ} \mathrm{C}$ |



