## Maximum Ratings

| Operating Temperature | $-55^{\circ} \mathrm{C}$ to $100^{\circ} \mathrm{C}$ |
| :--- | ---: |
| Storage Temperature | $-55^{\circ} \mathrm{C}$ to $100^{\circ} \mathrm{C}$ |
| RF Input Power | 0.25 W |
| Permanent damage may occur if any of these limits are exceeded. |  |



Outline Dimensions $\binom{$ (inch }{$\mathrm{mm})}$

| B | D | wt |
| ---: | ---: | ---: |
| .62 | 1.94 | grams |
| 15.75 | 49.28 | 30.0 |

Electrical Schematic


## Features

- excellent VSWR 1.15: typ.
- excellent flatness
- wideband coverage, DC to 2000 MHz


## Applications

- impedance matching


CASE STYLE: FF747
Connectors Model 75』M-BNC BMP-5075+ $50 \Omega F-B N C$

Electrical Specifications

| FREQ. (MHz) | ATTENUATION (dB) Flatness Max. |  |  |  | VSWR (:1) Max. |  |  | POWER <br> (W) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nom. | $\begin{gathered} \mathrm{DC}-100 \\ \mathrm{MHz} \\ \hline \end{gathered}$ | $\begin{gathered} 100-1000 \\ \mathrm{MHz} \\ \hline \end{gathered}$ | $\begin{gathered} 1000-2000 \\ \mathrm{MHz} \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{DC}-100 \\ \mathrm{MHz} \\ \hline \end{gathered}$ | $\begin{gathered} 100-1000 \\ \mathrm{MHz} \\ \hline \end{gathered}$ | $\begin{gathered} 1000-2000 \\ \mathrm{MHz} \\ \hline \end{gathered}$ |  |
| DC-2000 | $5.7 \pm 0.1$ | 0.2 | 0.3 | 0.4 | 1.06 | 1.22 | 1.4 | 0.25 |

Typical Performance Data

| Frequency <br> $(\mathbf{M H z})$ | Attenuation <br> $(\mathbf{d B})$ | VSWR (:1) |  |
| :---: | :---: | :---: | :---: |
| 10.00 | 5.71 | $\mathbf{5 0} \Omega$ | $\mathbf{7 5} \Omega$ |
| 20.00 | 5.72 | 1.00 | 1.00 |
| 100.00 | 5.72 | 1.00 | 1.00 |
| 100.00 | 5.72 | 1.01 |  |
| 11000 | 5.73 | 1.01 | 1.01 |
| 555.00 | 5.75 | 1.01 | 1.01 |
| 1000.00 | 5.78 | 1.09 | 1.12 |
| 1010.00 | 5.77 | 1.18 | 1.22 |
| 1505.00 | 5.75 | 1.18 | 1.22 |
| 2000.00 | 5.70 | 1.08 | 1.19 |
|  |  | 1.23 | 1.07 |




Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
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