

RF Transformer

TC4-ED13310/1

Impedance Ratio : 4

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



CASE STYLE : AT224-1

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C | | | | | |
|---------------------------------------|--------------------|------|---------|------|-------|
| Parameter | | Min. | Typ. | Max. | Units |
| Frequency | | 140 | | 650 | MHz |
| Insertion Loss * | 3 dB Bandwidth | | 140-650 | | MHz |
| | 2 dB Bandwidth | | 180-500 | | MHz |
| | 1 dB Bandwidth | | 240-450 | | MHz |
| Amplitude Unbalance | Over 3dB Bandwidth | | 0.25 | | dB |
| | Over 2dB Bandwidth | | 0.24 | | dB |
| | Over 1dB Bandwidth | | 0.24 | | dB |
| Phase Unbalance | Over 3dB Bandwidth | | 0.56 | | deg. |
| | Over 2dB Bandwidth | | 0.41 | | deg. |
| | Over 1dB Bandwidth | | 0.39 | | deg. |

Note:

* Insertion Loss is referenced to mid-band loss, 0.29 dB typ.

| MAXIMUM RATINGS | |
|-----------------------|----------------|
| Operating Temperature | -40°C to 85°C |
| Storage Temperature | -55°C to 100°C |

| PIN CONNECTIONS | |
|-----------------|---|
| PRIMARY DOT | 6 |
| PRIMARY | 4 |
| SECONDARY DOT | 1 |
| SECONDARY | 3 |
| SECONDARY CT | 2 |

