# Engineering Development Model

## **RF Transformer**

### TC1-ED9092/2

Impedance Ratio: 1

### **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** 

| ELECTRICAL SPECIFICATIONS 50Ω @ +25°C |                |      |           |      |       |  |
|---------------------------------------|----------------|------|-----------|------|-------|--|
| Parameter                             |                | Min. | Тур.      | Max. | Units |  |
| Frequency                             |                | 1    |           | 600  | MHz   |  |
| Insertion Loss *                      | 3 dB Bandwidth |      | 1 - 600   |      | MHz   |  |
|                                       | 2 dB Bandwidth |      | 70 - 300  |      | MHz   |  |
|                                       | 1 dB Bandwidth |      | 150 - 250 |      | MHz   |  |

#### Note:

<sup>\*</sup> Insertion Loss is referenced to mid-band loss, 0.54dB typ.

| MAXIMUM RATINGS       |                |  |  |
|-----------------------|----------------|--|--|
| Operating Temperature | -40°C to 85°C  |  |  |
| Storage Temperature   | -55°C to 100°C |  |  |
| RF Power              | 0.25 W         |  |  |
| DC Current            | 30 mA          |  |  |

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

### **Configuration: C**

