

# Engineering Development Model

## RF Transformer

## TC1-ED10202D/1

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.



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CASE STYLE : AT224

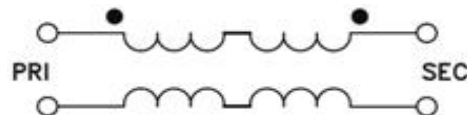
| ELECTRICAL SPECIFICATIONS 75Ω @ +25°C |                |           |      |       |
|---------------------------------------|----------------|-----------|------|-------|
| Parameter                             | Min.           | Typ.      | Max. | Units |
| Frequency                             | 5              |           | 1700 | MHz   |
| Insertion Loss *                      | 3 dB Bandwidth | 5 - 1700  |      | MHz   |
|                                       | 2 dB Bandwidth | 50 - 1200 |      | MHz   |
|                                       | 1 dB Bandwidth | 150 - 750 |      | MHz   |

### Note:

\* Insertion Loss is referenced to mid-band loss, 0.16dB 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          |

### Configuration : G



| PIN CONNECTIONS |     |
|-----------------|-----|
| PRIMARY DOT     | 1   |
| PRIMARY         | 6   |
| SECONDARY DOT   | 3   |
| SECONDARY       | 4   |
| NOT USED        | 2,5 |