*Engineering Development Model*

# RF Transformer ADT1-ED10243

## 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.

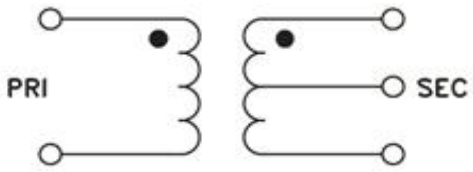
**CASE STYLE : CD636**

| ELECTRICAL SPECIFICATIONS 75Ω @ +25°C | | | | | |
|---|---|---|---|---|---|
| **Parameter** | | **Min.** | **Typ.** | **Max.** | **Units** |
| **Frequency** | | 0.5 | | 500 | MHz |
| **Insertion Loss *** | **3 dB Bandwidth** | | 0.5 - 500 | | MHz |
| | **2 dB Bandwidth** | | 0.1 - 400 | | MHz |
| | **1 dB Bandwidth** | | 0.3 - 300 | | MHz |
| **Ampitude Unbalance** | **over 3dB Bandwidth** | | 0.5 | | dB |
| | **over 1dB Bandwidth** | | 0.1 | | dB |
| **Phase Unbalance** | **over 3dB Bandwidth** | | 5.0 | | deg. |
| | **over 1dB Bandwidth** | | 1.00 | | deg. |

**Note:**
* Insertion Loss is referenced to mid-band loss, 0.16dB typ.

| MAXIMUM RATINGS | |
|---|---|
| **Operating Temperature** | -20°C to 85°C |
| **Storage Temperature** | -55°C to 100°C |
| **RF Power** | 0.25 W |
| **DC Current** | 30 mA |

**Configuration : A**




| PIN CONNECTIONS | |
|---|---|
| **PRIMARY DOT** | 3 |
| **PRIMARY** | 1 |
| **SECONDARY DOT** | 4 |
| **SECONDARY** | 6 |
| **SECONDARY CT** | 5 |
| **ISOLATE** | 2 |