

# Toroidal Transformer

Toroidal transformers are transformers which use magnetic cores with a toroidal (ring or donut) shape. They are passive electronic components, consisting of a circular ring or donut shaped magnetic core of ferromagnetic material such as laminated iron, iron powder, or ferrite, around which wire is wound.



## Specifications

### Standard Compliance

- ✓ IEC 60076
- ✓ EN 61558

### Primary/Secondary Voltage Range

- ✓ Up to 1000V

### Winding Material

- ✓ Aluminium Foil
- ✓ Copper Foil
- ✓ Enameled/Nomex insulation Aluminium Wire
- ✓ Enameled/Nomex insulation Copper Wire

### Silicon Steel

- ✓ Non Grained Oriented Silicon Steel (NGO)
- ✓ Grained Oriented Silicon Steel (GO)

### Varnish

- ✓ High grade polyester varnish

### Insulation Class

- ✓ Based on IEC 60085 Insulation Thermal Class
- ✓ Class Y (90°)
- ✓ Class A (105°)
- ✓ Class E (120°)
- ✓ Class B (130°)
- ✓ Class F (155°)
- ✓ Class H (180°)
- ✓ Class N (200°)

### Cooling

- ✓ Air Natural Cooling (AN)
- ✓ Air Force Cooling (AF)

### Ambient Temperature

- ✓ Maximum ambient temperature 40°C
- ✓ Up on customer request

### Metal Enclosure Protection Class

- ✓ Standard enclosure IP20
- ✓ Up to enclosure IP43

### Certifications

- ✓ CE

### Capacity

- ✓ Up to 5KVA
- ✓ Can request for higher capacity



## Product Enquiry

### Contact:

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## Catalog

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