

## Final Product Specification



**Part Number :** 29-350-48

**Issue Number :** 1

**Description :** P/CORE 9x5/F48 Zero Half

**Issue Date :** 3-May-2002

**UOM :** Each

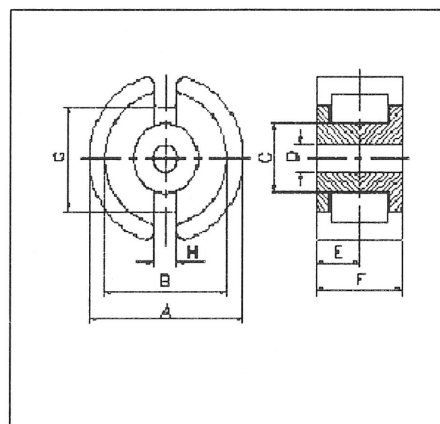
### Electrical Specification:

| Sl.No. | Parameters              | Test Condition                                | Specification |
|--------|-------------------------|-----------------------------------------------|---------------|
| 1      | Inductance factor       | 10 KHz, 20 mv                                 | 1400+30%-20%  |
| 2      | Permeability            | B<0.1mT, 10KHZ, 25°C                          | 2300±20%      |
| 3      | Saturation flux density | H=796A/m, 25°C;<br>H=796A/m, 100°C            | 480;<br>380   |
| 4      | Power loss              | 100mT, 100KHZ, 100°C;<br>200mT, 100KHZ, 100°C | 70;<br>380    |
| 5      | Curie temperature       | B<0.1mT, 10 KHZ                               | 220           |

### Mechanical Specification:

| ID | Parameter      | Specification Before Coating |
|----|----------------|------------------------------|
| A  | Outer diameter | 9.00-9.30 mm                 |
| B  | Inner diameter | 7.50-7.75 mm                 |
| C  | Center post    | 3.70-3.90 mm                 |
| D  | Bore           | 2.00-2.10 mm                 |
| E  | Depth (single) | 1.80-1.95 mm                 |
| F  | Height (pair)  | 5.20-5.40 mm                 |
| G  | Core width     | 5.50-5.80 mm                 |
| H  | Window         | 2.10-2.40 mm                 |

**Drawing Ref.:** 29-350-00



### Packing Specification

|                        |             |      |
|------------------------|-------------|------|
| <b>CARTON QUANTITY</b> | <b>2560</b> | Each |
|------------------------|-------------|------|

**Prepared**

**Checked**

**Approved**

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Sheet No. 1

Total Sheets 1