

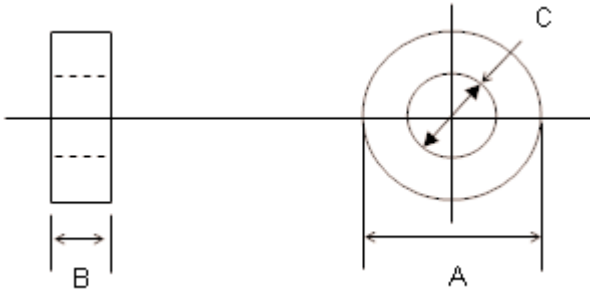
PART NO.

33RI 31.5X16X19

REVISIONS

| ECN # | REV | DESCRIPTION | DRAWN | DATE    | CHECKD | DATE    | APPRVD | DATE    |
|-------|-----|-------------|-------|---------|--------|---------|--------|---------|
| -     | A   | RELEASED    | ASH   | 05/5/12 | AMU    | 05/5/12 |        | 21/5/12 |

EMI Cores



Dimensions : Millimetres

Dimension Table

| Outer Diameter (A) | Height (B) | Inner Diameter (C) |
|--------------------|------------|--------------------|
| 31.5 +0.1<br>-1.1  | 16 ±0.5    | 19 ±0.4            |

Dimensions : Millimetres

Impedance

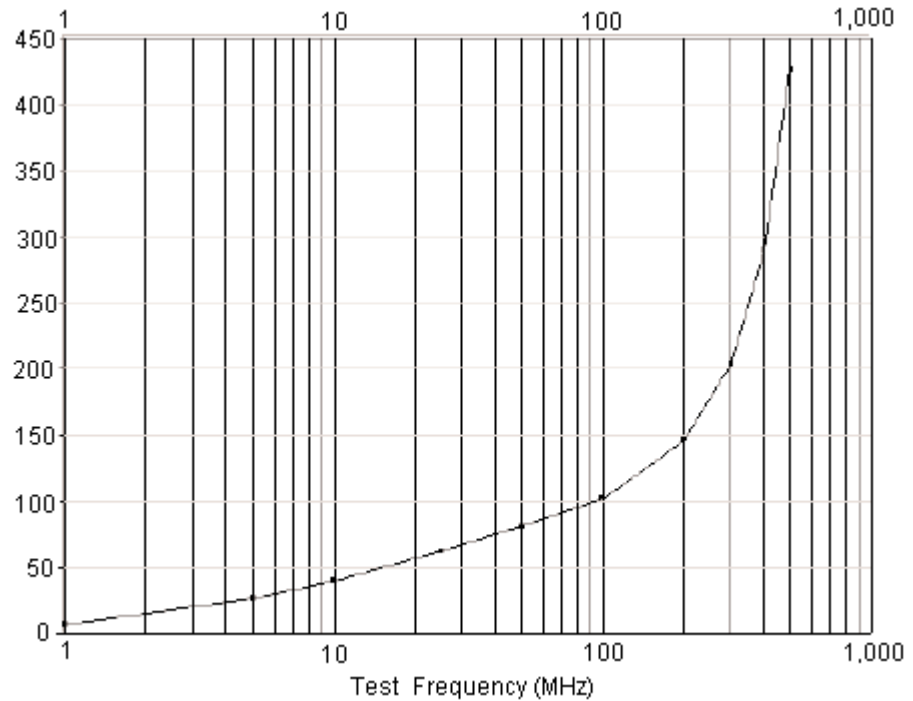
|                | Z        | Z         |
|----------------|----------|-----------|
| Minimum        | 40 (Ω)   | 65 (Ω)    |
| Test Frequency | 25 (MHz) | 100 (MHz) |
| Typical        | 63 (Ω)   | 103 (Ω)   |

Part Number Table

| Description                 | Part Number     |
|-----------------------------|-----------------|
| Ferrite Core, Toroid, 19 mm | 33RI 31.5X16X19 |

Features:

- Toroidal ferrite cores which attenuate electrical noise in signal and data cables
- Applications include digital audio systems, computers and peripherals and any sensitive electronic equipment



www.element14.com  
www.farnell.com  
www.newark.com

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TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

|              |          |
|--------------|----------|
| DRAWN BY:    | DATE:    |
| ASH          | 05/05/12 |
| CHECKED BY:  | DATE:    |
| AMU          | 05/05/12 |
| APPROVED BY: | DATE:    |
|              | 21/05/12 |

DRAWING TITLE:

**33RI Series - EMI Cores**

|                  |                             |  |                 |
|------------------|-----------------------------|--|-----------------|
| SIZE<br><b>A</b> | DWG NO.<br><b>M10000222</b> | ELECTRONIC FILE<br><b>204208_6_DWG</b> | REV<br><b>A</b> |
| SCALE: NTS       |                             | U.O.M.: mm                             | SHEET: 1 OF 1   |