



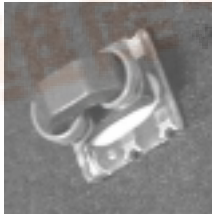
M/A-COM

## E-Series RF Inductor 50 MHz

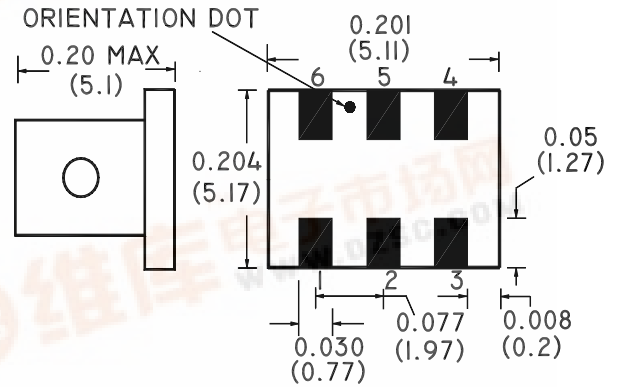


### Features

- High Q Value



### SM-52 Package



### Description

M/A-COM's EIN14 is a high Q Toroidal Inductor on an SM-52 package. This Inductor is particularly suited to applications requiring Inductors with good magnetic field containment.

### Electrical Specifications @25°C

| Parameter                       | Typical    | Minimum |
|---------------------------------|------------|---------|
| Guaranteed Performance @ 50 MHz | —          | —       |
| Inductance Value                | 146 nH ±5% | —       |
| Q Value                         | —          | 90      |
| Self Resonance                  | > 800 MHz  | —       |

### Absolute Maximum Ratings

| Parameter             | Absolute Maximum |
|-----------------------|------------------|
| RF Power              | 250 mW           |
| DC Current            | 30 mA            |
| Operating Temperature | -20°C to +85°C   |
| Storage Temperature   | -20°C to +85°C   |

Please Note that the photograph above indicates typical package only, not actual unit.

### Functional Configuration

| Function      | Pin No. |
|---------------|---------|
| Primary Dot   | 6       |
| Primary       | 1       |
| Case Ground   | —       |
| Not Connected | —       |



