



M/A-COM

E-Series RF Inductor 50 MHz

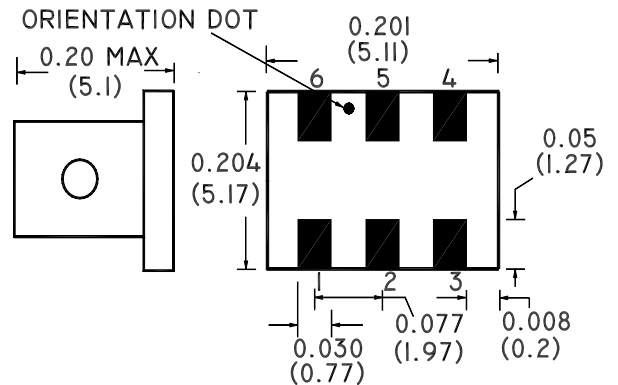


Features

- High Q Value



SM-52 Package



Description

M/A-COM's EIN10 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.

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 |

Electrical Specifications @ 25°C

| Parameter | Typical | Minimum |
|---------------------------------|------------|---------|
| Guaranteed Performance @ 50 MHz | — | — |
| Inductance Value | 180 nH ±5% | — |
| Q Value | — | 90 |
| Self Resonance | > 700 MHz | — |

Functional Configuration

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

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





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