

# MT-555<sup>SERIES</sup>

## SMD Transformers

**MINNTRONIX**

*Wind Up the Best®*

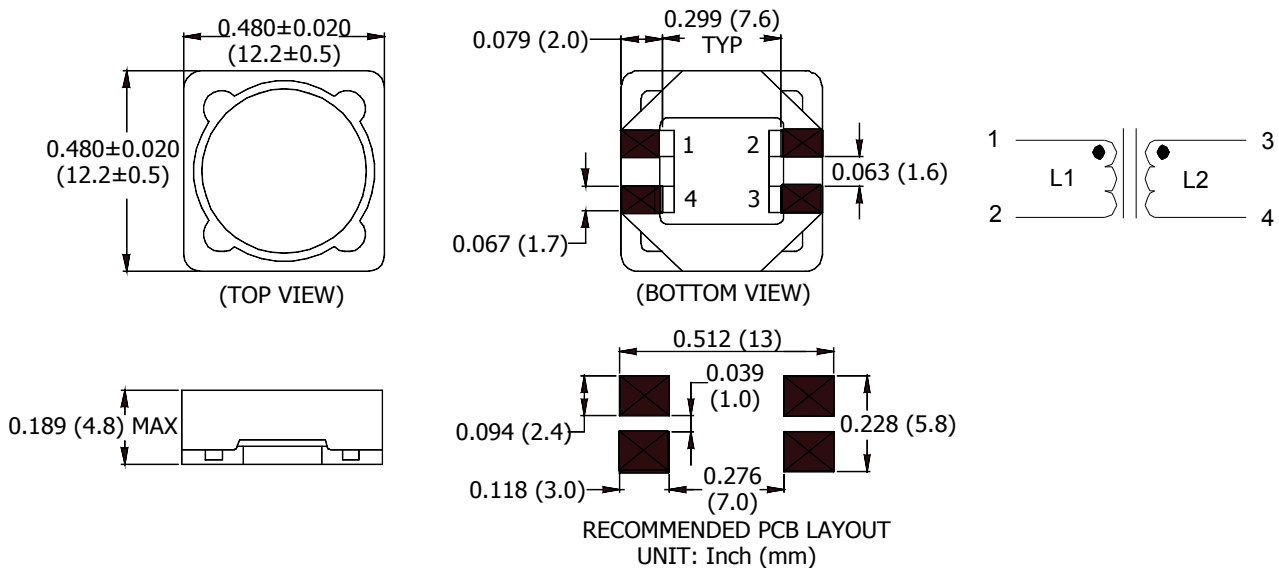


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- Very low profile transformer
- Magnetically shielded
- Cost effective
- Ideal for DC-DC, PA, PDA, power supply
- Custom versions available
- Available in Tape & Reel packaging

### Mechanical Dimensions:



| Part Number | Inductance <sup>1</sup> ( $\mu$ H $\pm$ 30%) |    | DCR (m $\Omega$ max) |     | Turn Ratio (L1:L2) | Isat <sup>2</sup> (Adc) |
|-------------|----------------------------------------------|----|----------------------|-----|--------------------|-------------------------|
|             | L1                                           | L2 | L1                   | L2  |                    |                         |
| MT-555-1022 | 10                                           | 45 | 36                   | 590 | 1:2.2              | 4.0                     |
| MT-555-1024 | 10                                           | 47 | 39                   | 670 | 1:2.4              | 4.0                     |

1. Inductance tested at 100kHz, 0.1Vrms, 0Adc

2. Inductance drop = 25% typ. at rated Isat

3.  $\Delta T$  = 45°C rise typ.

4. Operating temperature range -40°C to +85°C

5. Electrical specifications at 25°C

Specifications subject to change. Custom versions of any Minntronix Products are available upon request.