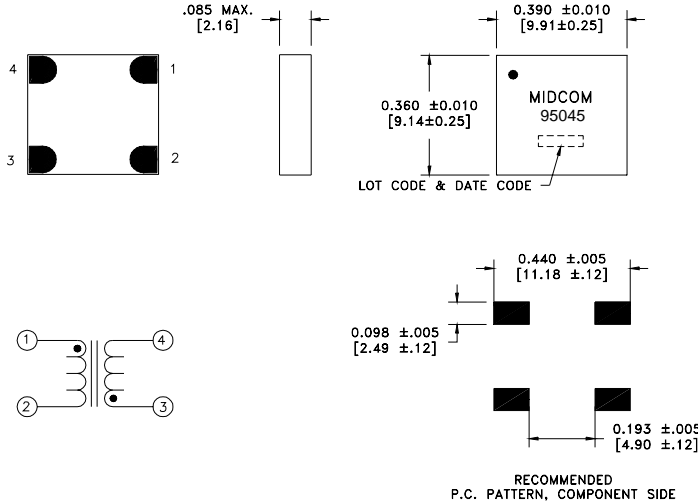


MicroMagnetics High Voltage Flyback Transformer 95045



Dimensions in Inches

Features

- Low profile
- Rugged package
- Self shielding
- Designed for pick and place
- Compatible with solder reflow
- Customization available

Notes

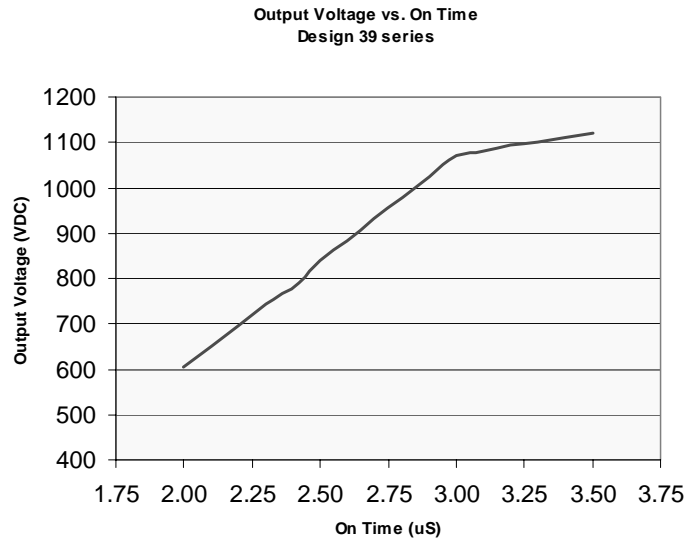
- Preliminary data sheet only
- Not a released product
- Lab samples available

Midcom, Inc. Micromagnetics division has developed a transformer for high voltage flyback applications using low temperature co-fired ceramic (LTCC) ferrite. Using a standard flyback circuit, 1000 VDC output is possible from a 15VDC input. The monolithic structure affords improved mechanical strength over traditional transformer technology.

This product is protected under Midcom's Intellectual Property Portfolio, specifically US Patents # 6,054,914, # 6,198,374 and other pending patents.

| Part No | D39J | |
|----------------------|-------------------|-------|
| Turns Ratio | +/-1% | 1:8 |
| Primary Resistance | +/-10% ohms (1-2) | 1.55 |
| Secondary Resistance | +/-10% ohms (3-4) | 23.52 |
| Primary Inductance | +/-10%uH (1-2) | 75.80 |
| Secondary Inductance | +/-10%uH (3-4) | 4.48 |
| Leakage Inductance | +/-10%uH (1-2) | 15.3 |

Specifications subject to change without notice.



For additional information, contact: Daryl Schofield, Sales and Marketing, phone: 605.882.8513 or call toll free in the USA: 800.643.2661 Fax: 605.886.4486 or Midcom, Inc., 121 Airport Drive, Watertown, SD 57201
Web: www.midcom-inc.com E-mail: dschofield@midcom-inc.com