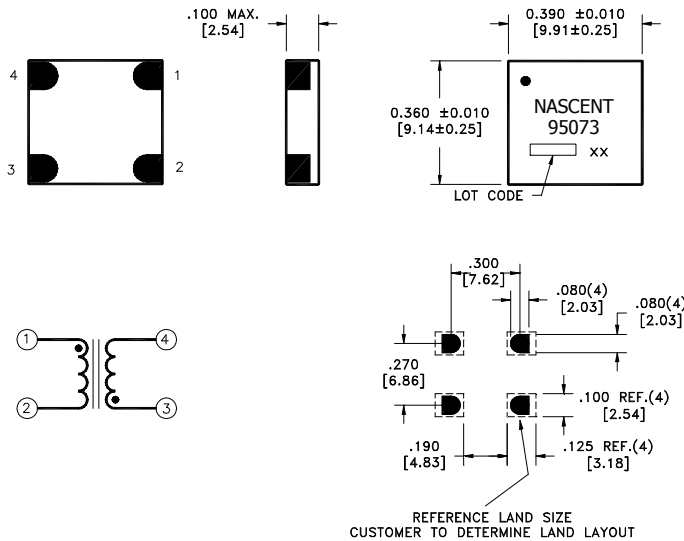
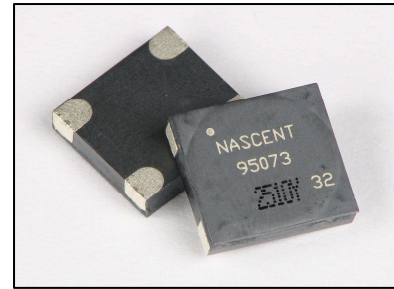


LTCC High Voltage Flyback Transformer 95073, 95073-STX



Features

- Low profile
- Rugged package
- Self shielding
- Pick and place
- Customization available

Variants

- STX's are pre-stressed

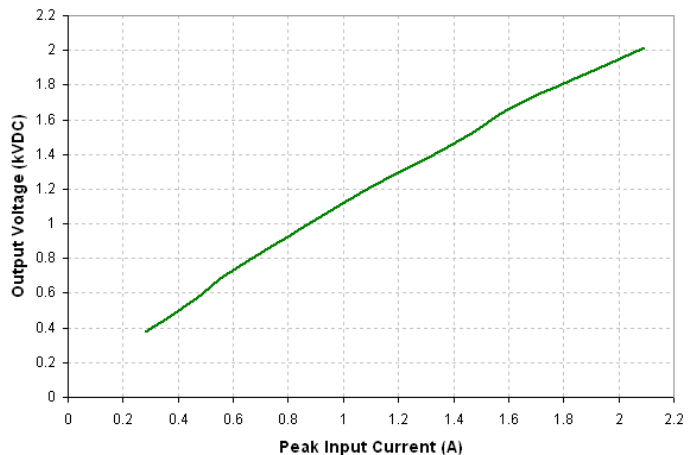
NASCENTTechnology, Inc. has developed a transformer for high voltage flyback applications using low temperature co-fired ceramic (LTCC) ferrite. Using a standard flyback circuit, 1500 VDC output is possible from a 15 VDC input. The monolithic structure affords improved mechanical strength over traditional transformer technology.

Electrical Parameters

Primary Inductance	100 kHz 500 mV	75.0 uH +/- 33%
Pulse Inductance	15 VDC 1.5A, ~4.0 us	35.0 uH min.
Leakage Inductance	100 kHz 500 mV	11 uH typ.
Secondary Inductance	100 kHz 500 mV	3.7 mH +/- 33 %
Primary Resistance		1.45 ohms +/- 20%
Secondary Resistance		35.0 ohms +/- 20%
Dielectric Rating	60 Hz, 1s	1500 V
Turns ratio		1:8
V-us Rating		90

Output Voltage vs. Peak Input Current

Input: 15 VDC, 50 kHz, 1-6 us pulse width



For additional information, contact: Brian Nelson, National Sales Manager
Phone: 605-878-2417, Fax: 605-884-2450, E-Mail: bnelson@nascenttechnology.com
NASCENTTechnology, Inc. 121 Airport Drive, Watertown, SD 57201
www.nascenttechnology.com