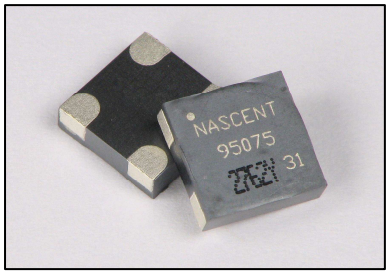
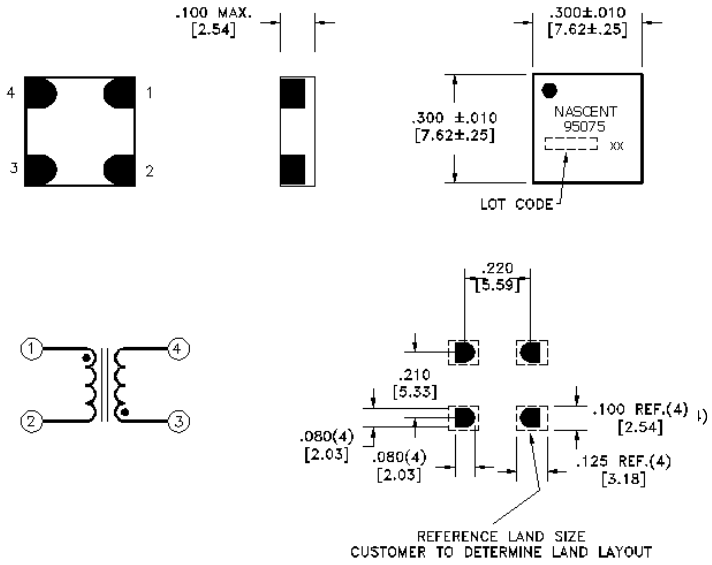
LTCC
High Voltage Flyback Transformer
95075, 95075-STX





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

Variants
- -STX's are pre-stressed

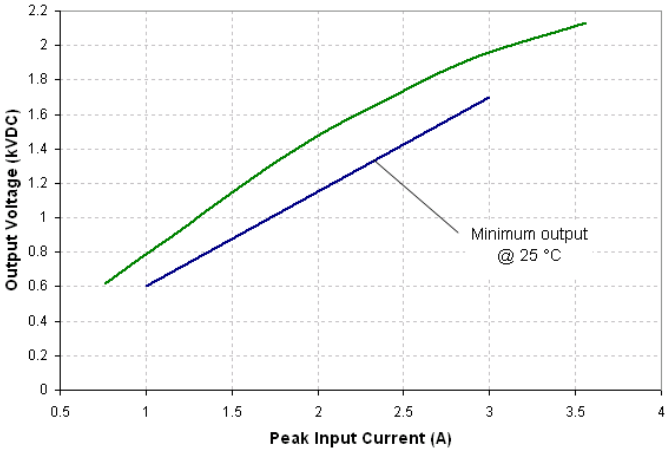
NASCENTechnology, Inc. has developed a transformer for high voltage flyback applications using low temperature co-fired ceramic (LTCC) ferrite. Using a standard flyback circuit, 1500 VDC output is easily achieved from a 15 VDC input. The monolithic structure provides superior mechanical strength and lower profile over traditional transformer technology.

Electrical Parameters

Primary Inductance	100 kHz 500 mV	28.0 µH +/- 30%
Pulse Inductance	15 VDC 2.0A pk	21.0 µH +/- 3 µH
Leakage Inductance	100 kHz 500 mV	9 µH typ.
Secondary Inductance	100 kHz 500 mV	1.60 mH +/- 30 %
Primary Resistance		1.45 Ω +/- 20%
Secondary Resistance		27.4 Ω +/- 20%
Dielectric Rating	60 Hz, 1s	1500 V
Turns ratio		1:8
V-µs Rating		60

Output Voltage vs. Peak Input Current

Input: 15 VDC, 50 kHz, 1-4 us pulse width



For additional information, contact: Daryl Schofield
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www.nascentechnology.com

This product is protected under US Patent #6054914, #6198374 and other international patents.
Specifications subject to change without notice. 03/13