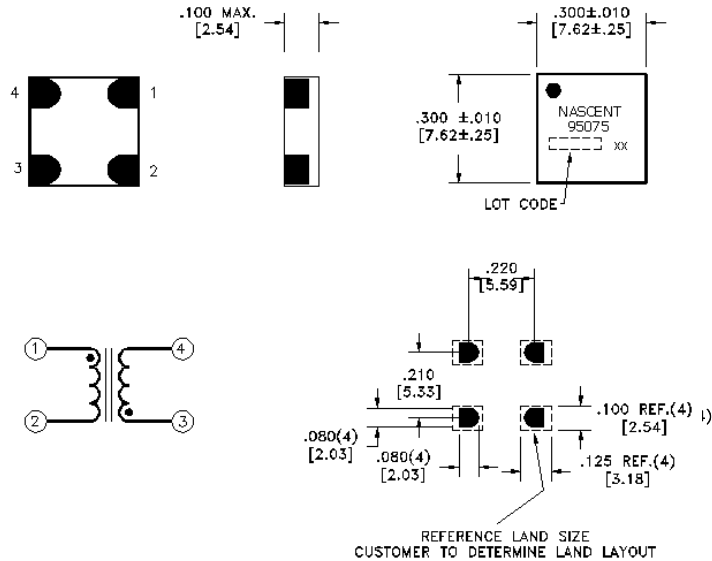
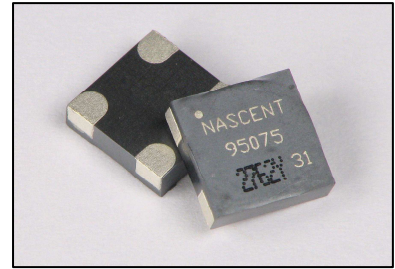


LTCC High Voltage Flyback Transformer 95075, 95075-STX



Features

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

Variants

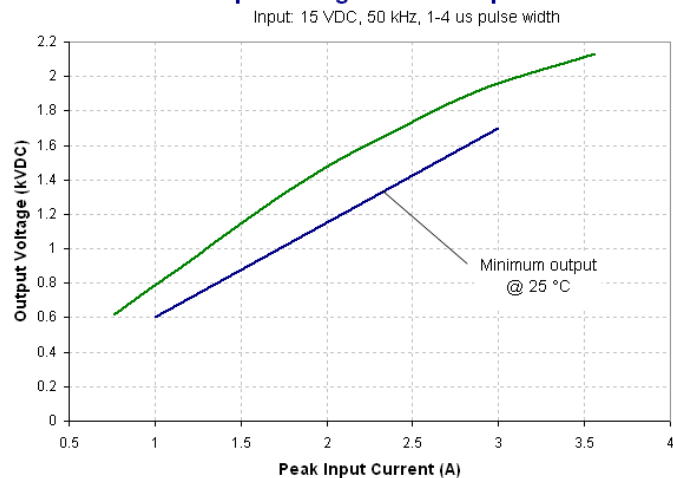
- STX's are pre-stressed

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 possible from a 15 VDC input. The monolithic structure affords improved mechanical strength over traditional transformer technology.

Electrical Parameters

Primary Inductance	100 kHz	28.0 uH
	500 mV	+/- 30%
Pulse Inductance	15 VDC	21.0 uH
	2.0 Apk	+/- 3 uH
Leakage Inductance	100 kHz	9 uH typ.
	500 mV	
Secondary Inductance	100 kHz	1.30 mH
	500 mV	+/- 30 %
Primary Resistance		1.45 ohms
		+/- 20%
Secondary Resistance		27.4 ohms
		+/- 20%
Dielectric Rating	60 Hz, 1s	1500 V
Turns ratio		1:8
V-us Rating		60

Output Voltage vs. Peak Input Current



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