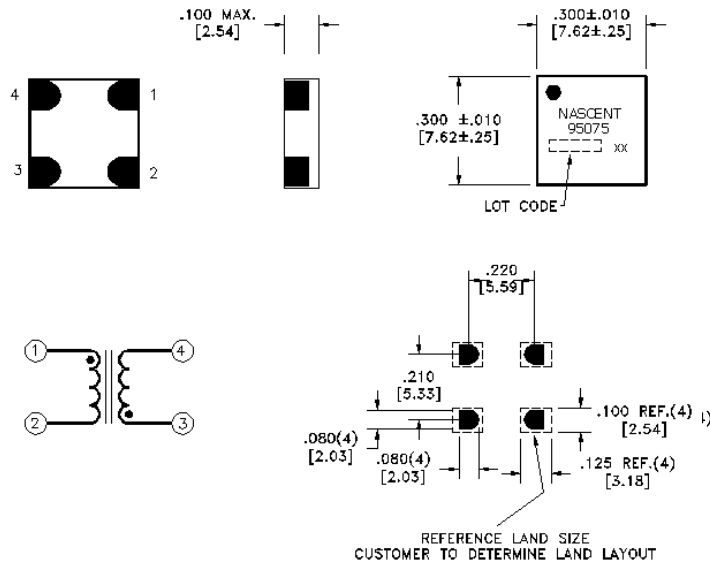
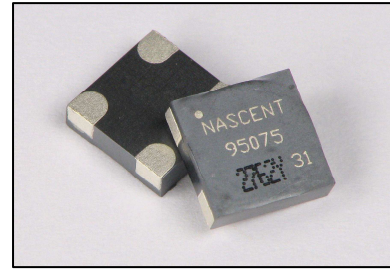


LTCC High Voltage Flyback Transformer 95075, 95075-STX



Features

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

Variants

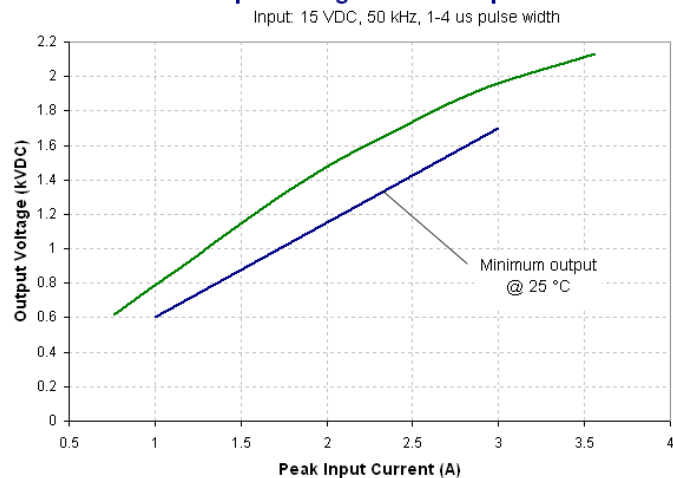
- STX's are pre-stressed

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 μ H +/- 30%
Pulse Inductance	15 VDC 2.0A pk	21.0 μ H +/- 3 μ H
Leakage Inductance	100 kHz 500 mV	9 μ H 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- μ s Rating		60

Output Voltage vs. Peak Input Current



For additional information, contact: Daryl Schofield
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