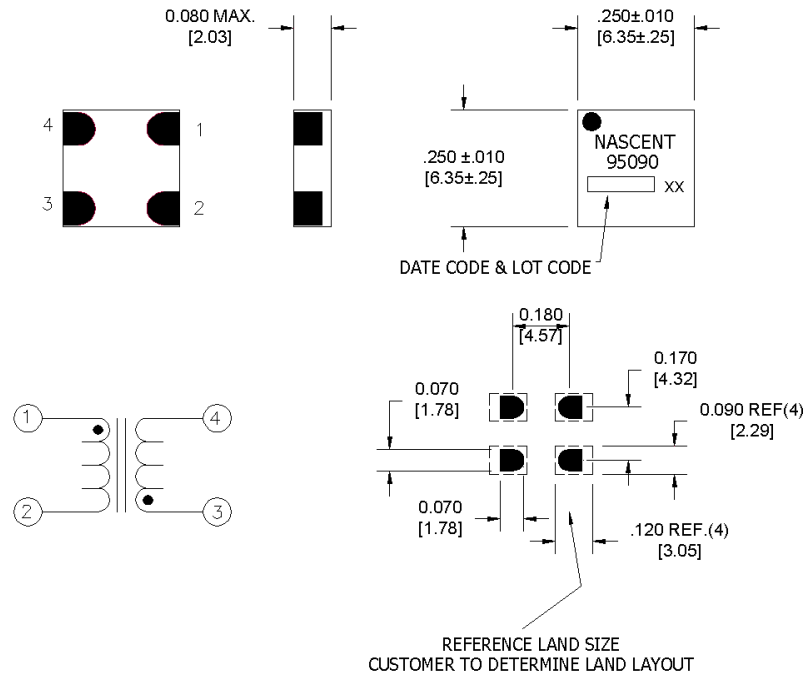


# LTCC Pulse Transformer 95090



## Features

- Low profile
- Rugged package
- Self shielding
- Pick and place
- 1500VAC Isolation
- Operating Frequency:  
50 kHz and up
- Operating Temperature:  
-40 to +85 C
- Customization available

NASCENTechnology has developed a pulse transformer for triggering or signaling applications using low temperature co-fired ceramic (LTCC) ferrite. The monolithic structure affords improved mechanical strength over traditional transformer technology.

## Electrical Parameters

Primary Inductance	100 kHz	400 uH
Leakage Inductance	500 mV	+/- 20%
Primary Inductance	100 kHz	42 uH
Leakage Inductance	500 mV	typ.
Primary Resistance		4.85 ohms
Secondary Resistance		+/- 20%
Primary Resistance		3.20 ohms
Secondary Resistance		+/- 20%
Dielectric Rating	60 Hz, 1s	1500 V
Turns ratio		1:1
V-us Rating		30

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