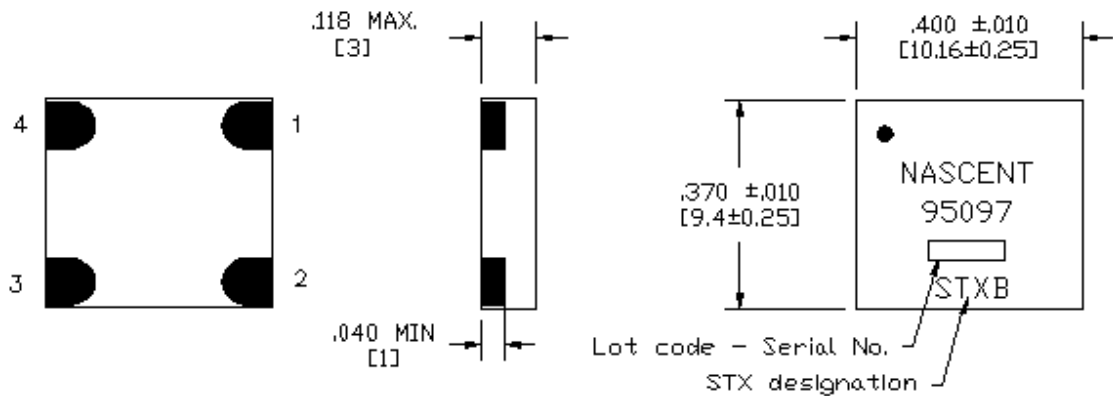
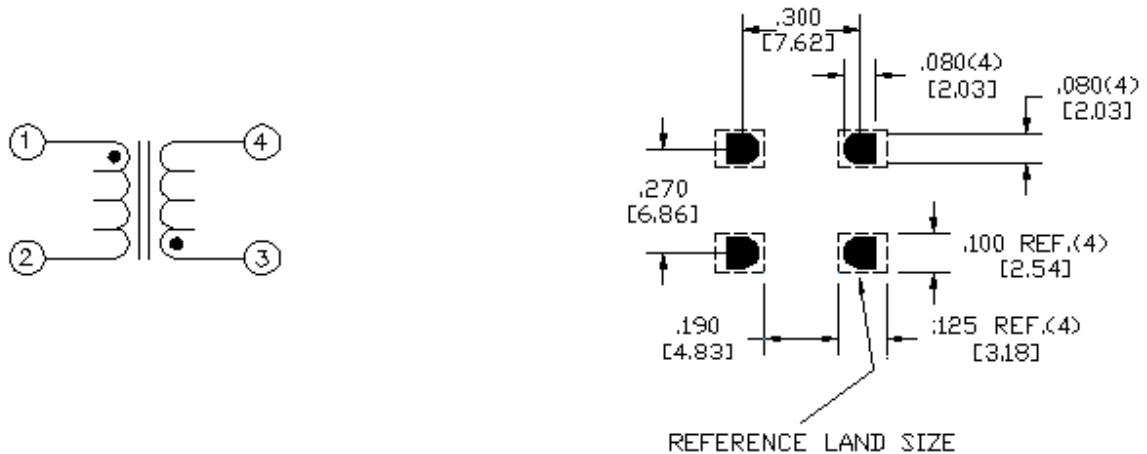


Specifications



Terminals are Silver/Platinum alloy.



Electrical Specifications @ 23°C unless otherwise noted

DC Resistance (@20°C):	1.70 Ω \pm 20%, 1-2 43.0 Ω \pm 20%, 3-4
Inductance:	35 μ H \pm 20%, 100 kHz, 500mVac, 1-2, Ls 1.38 mH \pm 25%, 100 kHz, 500mVac, 3-4, Ls
Leakage Inductance:	13 μ H TYP., 100 kHz, 500mVac, 1-2 (tie 4-3), Ls
Dielectric Rating:	1500 Vac, 1 minute tested by applying 1500 Vac, 60 Hz for 1 second between terms 1-4
Turns Ratio:	1.0:8.0 \pm 1%, (1-2):(3-4)
V- μ s Rating:	90 V- μ s MAX., 1-2
Operating Temperature:	-55 to +125°C
Thermal Shock:	10 cycles, -65 to +125°C

Specifications subject to change without notice.
Dimensions in inches [millimeters]. Tolerance +/- .005" [0.13] mm

1. Environment Stress Screening

Screening procedure

Inspection/Test	Applicable Standard	Conditions	Pass Criteria
Inductance	MIL-PRF-21038, 4.7.3.2	100 kHz, 0.5 Vac, Ls	28-43.8 μ H terms 1-2
Thermal shock	MIL-STD-202, method 107, condition B, except 10 cycles	B = -65C to +125C, 10 cycles, 15 min soak, 5 min transitions	
Inductance	MIL-PRF-21038, 4.7.3.2	100 kHz, 0.5 Vac, Ls	<10% shift in inductance
Output voltage		At 25°C, Vsupply=15 Vdc, Ipk=1.5A, test circuit A	1400 Vdc MIN output

- 1) All units are serialized
- 2) All units outside of specification are discarded from lot.

Test circuit A

