

PARAMETER		UNITS
Turns Ratio	1CT:1 ± 1%	
Longitudinal Balance	60	dB
Primary DC Resistance	6±5%	Ω
Secondary DC Resistance	6 ±5%	Ω
Frequency Response (600Hz - 560KHz)	±1.0	dB
Insertion Loss @ 10KHz	1.25 ±0.25	dB
Isolation (HI-POT)	1500	V _{RMS}
Primary DC	None	
Inductance (tested @ 1 kHz & 1V _{RMS})	40 Nom.	mH
Leakage Inductance (tested @ 10 kHz & 1VRMS)	15 Max..	μH
Interwinding Capacitance (tested @ 10 kHz & 1VRMS)	60 Max.	pF

DDS Application Pulse Transformer

Part Number T-909 5-Pin Version T-909-5

Designed for DDS applications

Compatible with
Level One LXT441

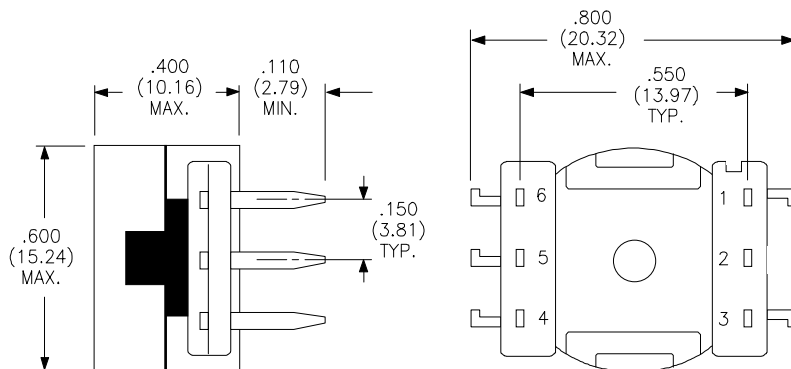
Low Profile "Touch Tone" design

Custom versions of this
transformer are available.

A Surface Mount version of this
transformer is available

Physical Dimensions in inches (mm)

5-Pin Part Number T-910-5: per Drawing Below Pin #2 is removed

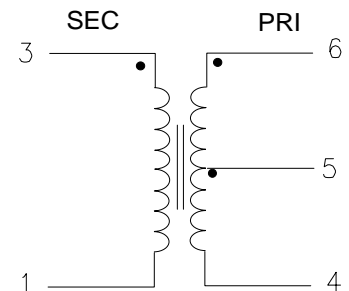


Terminal Dimensions
.015 (.381) X .042 (1.07) Typical.

Bottom View

Notch on bobbin indicates pin #1

Schematic Diagram



02/28/97