



### FEATURES

- MEETS THE PULSE WAVEFORM TEMPLATE OF CCITT 1.430 USING RECOMMENDED TRANSFORMER AND CHIP PAIR.
- COMPACT SMT TRANSFER-MOLDED PACKAGE WITH 1.5KV AND 3KV COMPATIBLE FOOTPRINTS.

### TEST CONDITIONS

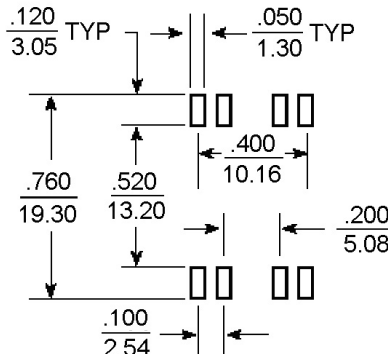
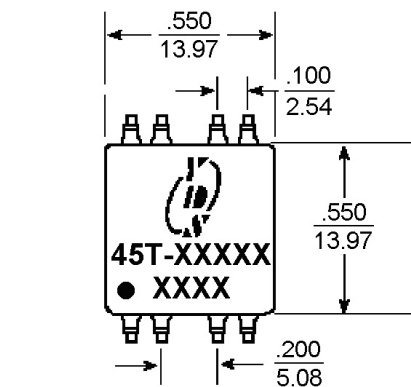
- Inductance ----- 10KHZ/200mV
- Leakage Inductance ----- 100KHZ/1V
- Interwinding Capacitance -- 100KHZ/1V



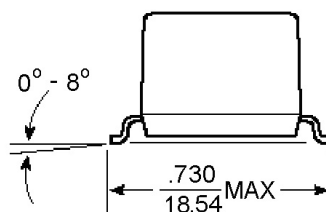
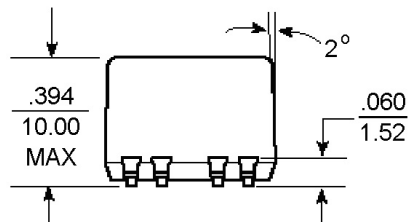
### ELECTRICAL SPECIFICATIONS @25°C-Operating temperature 0°C TO 70°C

PART NUMBER	RATIO ±2%	OCL PRI (mH MIN)	LL SEC (μH MAX)	Cw/w (pF MAX)	CD PRI (pF MAX)	DCR PRI (Ω MAX)	DCR SEC (Ω MAX)	ΔIDC (mA MAX)	ISOLATION VOLTAGE (V <sub>rms</sub> min)	PRIMARY PINS
45T-2232B	1:2	22	5	120	180	2.5	5.2	3	1500	1-10,5-6
45T-2231C	1:1	22	5	120	180	2.5	2.5	3	1500	1-10,5-6
45T-2233C	1:2.5	22	10	150	180	2.5	6	3	1500	1-10,5-6
45T-2232C	1:2	22	5	120	180	2.5	5	3	1500	1-10,5-6
45T-2232A	1:2	22	15	120	180	1.3	3.0	3	1500	6-7,9-10
45T-2232A3	1:2	22	15	45	100	1.3	3.0	3	3000	6-7,9-10
45T-2231A3	1:1	22	15	45	100	1.3	1.3	3	3000	6-7,9-10
45T-2233A3	1:2.5	22	15	45	100	1.3	3.5	3	3000	6-7,9-10
45T-2234A3	1:2	22	15	45	100	1.3	3.0	5	3000	6-7,9-10

### MARKINGS AND DIMENSIONS



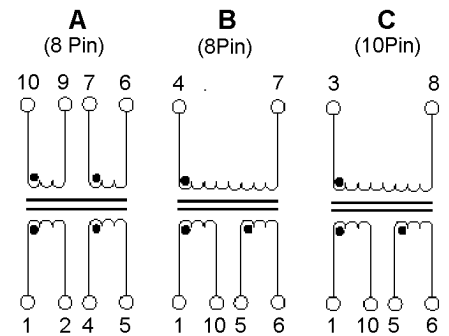
### SUGGESTED PAD LAYOUT



Dimensions: inches/mm

Unless otherwise specified, all tolerances are ±.010/±0.25

### SCHEMATICS



### Part Number:

45T - 223 2 A 3 NL  
A B C D E F

A:Series  
B:Inductance  
C:Sequence id  
D:Schematic  
E:Isolation Voltage  
F:RoHS Version