

45T - SERIES

ISDN S-INTERFACE TRANSFORMER

(Surface Mount, Single, 1.5 and 3KVrms)

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 -- 1MHZ/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 (Vrms) 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

SCHEMATICS

Dimensions: inches/mm unless otherwise specified, all tolerances are ±.010/±0.25

