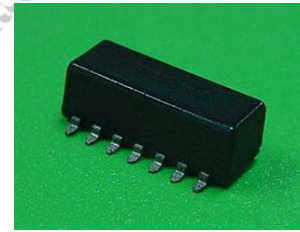


49TM - SERIES

ISDN S-INTERFACE TRANSFORMER (Surface Mount, Dual, 2000Vrms)

FEATURES

- Meets the pulse waveform template of CCITT 1.430 when recommended transformer and chip pair are used
- Developed for enhanced EMC performance.
- Excellent longitudinal balance.
- Transfer molded package.
- Low or high frequency choke options available.



TEST CONDITIONS

- Inductance 10KHz/100mV
- Leakage Inductance 100KHz/100mV
- Interwinding Capacitance 10KHz/100mV

ELECTRICAL SPECIFICATIONS @25°C

Part Number	Turns Ratio Line:Chip (±2%)	Line Side Inductance (mH) Min	Interwinding Capacitance (pF) Max	Line Side Leakage Inductance (uH) Max	DCR Line Side (Ω ±15%)	DCR Line Side (Ω ±15%)	Schem.
49TM-3031**A	1Split: 1Split	30	100	5	2.9	2.8	A
49TM-3032**B	1CT: 1CT	30	100	5	2.9	2.8	B
49TM-3033**A	1Split: 1Split	30	100	5	3.0	5.4	A
49TM-3034**B	1CT: 2CT	30	100	5	3.0	5.4	B
49TM-3035**A	1Split: 1Split	30	100	5	3.0	6.8	A
49TM-3036**B	1CT: 2.5CT	30	100	5	3.0	6.8	B

Part Number	Common Mode Choke									
	-00		-51		-12		-52		-53	
	OCL (uH)	DCR (Ω) Max	OCL (uH)	DCR (Ω) Max	OCL (uH)	DCR (Ω) Max	OCL (uH)	DCR (Ω) Max	OCL (uH)	DCR (Ω) Max
49TM-3031**A	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3032**B	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3033**A	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3034**B	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3035**A	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3036**B	None		50	0.4	100	0.6	500	1.4	5.0	2.0

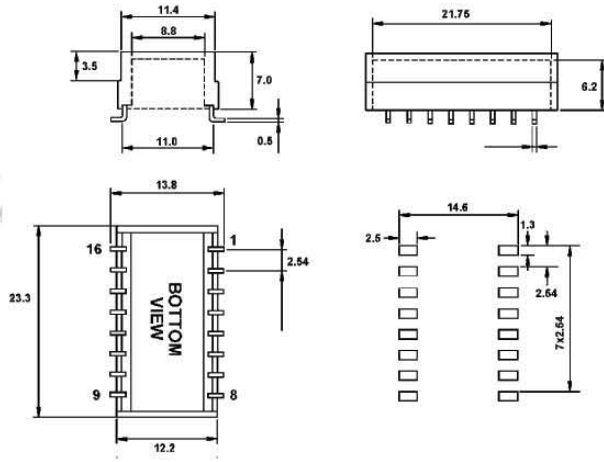
1. Inductance: Main Transformers 10KHz/100mV. CMC 100KHz/20mV.

2. Leakage Inductance & Interwinding Capacitance: 100KHz/100mV.

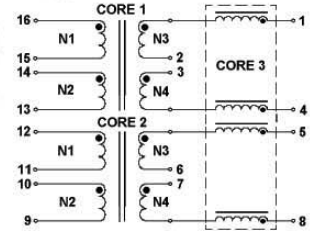
49TM - SERIES

ISDN S-INTERFACE TRANSFORMER (Surface Mount, Dual, 2000Vrms)

MARKINGS AND DIMENSIONS



SCHEMATIC A



SCHEMATIC B

