



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

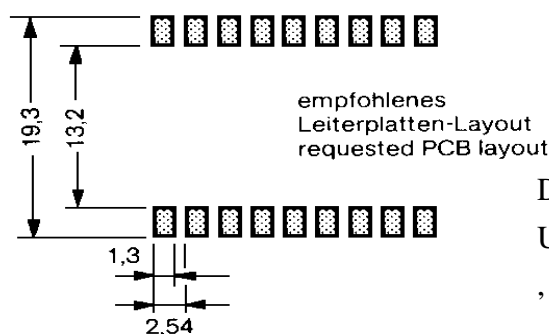
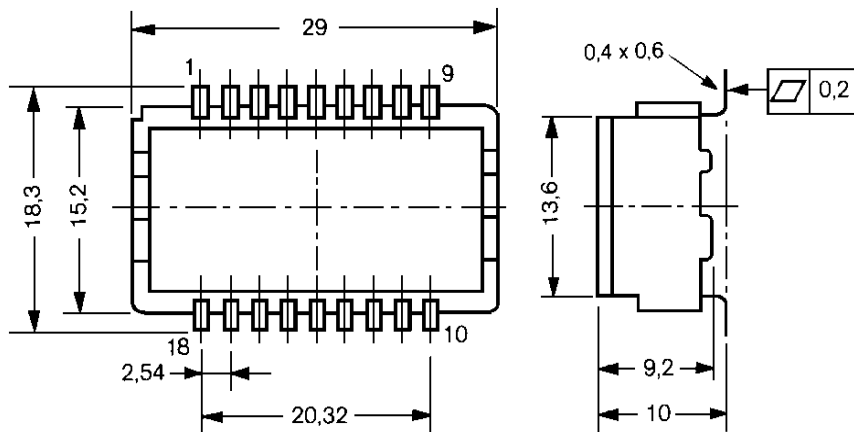
- Inductance ----- 10KHz/100mV
- Leakage Inductance ----- 100KHz/100mV
- Interwinding Capacitance -- 10KHz/100mV



ELECTRICAL SPECIFICATIONS @25°C - OPERATING TEMPERATURE 0°C TO 70°C

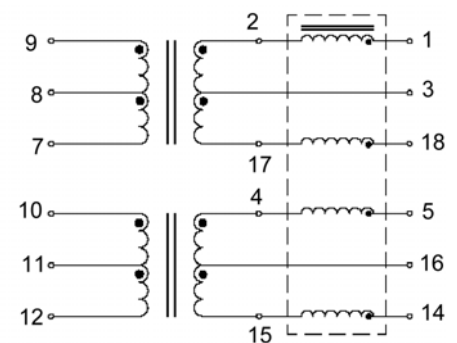
PART NUMBER	TRANSFORMER							CHOKE		SECONDARY PINS
	RATIO ±2%	OCL PRI (mH MIN)	LL SEC (μH MAX)	Cw/w (pF MAX)	CD PRI (pF MAX)	DCR PRI (Ω MAX)	DCR SEC (Ω MAX)	OCL/DCR (mH/Ω MAX)	Δ I _{DC} (mA MAX)	
49T-3031	1CT:2CT	30	10	150	100	3.4	5.4	4.7/1.4	3	9-7,10-12
49T-3032	1CT:2.5CT	30	10	150	100	3.4	7.0	4.7/1.4	3	9-7,10-12
49T-3033	1CT:2CT	30	10	150	100	3.4	5.4	.47/1.4	3	9-7,10-12
49T-3034	1CT:2.5CT	30	10	150	100	3.4	7.0	.47/1.4	3	9-7,10-12

MARKINGS AND DIMENSIONS



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

SCHEMATIC



Part Number:

49T - 303 1 NL
 A B C D

A: Series
 B: Inductance
 C: Sequence id
 D: RoHS Version