



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.
- LOW OR HIGH FREQUENCY CHOKE OPTIONS AVAILABLE.

TEST CONDITIONS

- Main Transformers Inductance ----- 10KHz/100mV
- CMC Inductance ----- 100KHz/20mV
- Leakage Inductance & Interwinding Capacitance -- 100KHz/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%)	Schematics
49TM-3031**A	1CS: 1CS	30	100	5	2.9	2.8	A
49TM-3032**B	1CT: 1CT	30	100	5	2.9	2.8	B
49TM-3033**A	1CS: 2CS	30	100	5	3.0	5.4	A
49TM-3034**B	1CT: 2CT	30	100	5	3.0	5.4	B
49TM-3035**A	1CS: 2.5CS	30	100	5	3.0	6.8	A
49TM-3036**B	1CT: 2.5CT	30	100	5	3.0	6.8	B

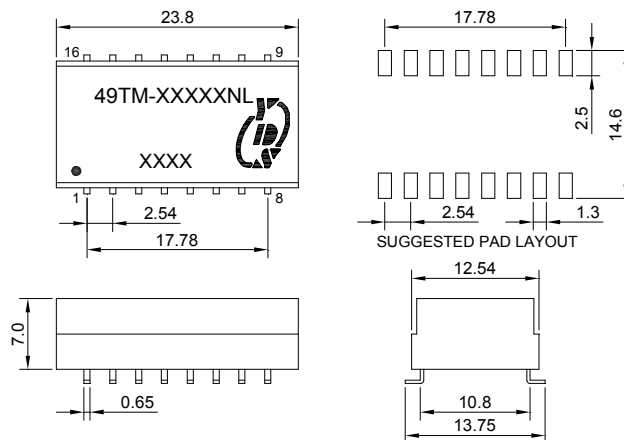
PART NUMBER	Common Mode Choke									
	-00		-51		-12		-52		-53	
	OCL (uH)	DCR (Ω max)	OCL (uH)	DCR (Ω max)	OCL (uH)	DCR (Ω max)	OCL (uH)	DCR (Ω max)	OCL (mH)	DCR (Ω max)
49TM-3031**A	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3032**B	None		50	0.4	100	0.6	500	1.4	5.0	2.0
49TM-3033**A	None		50	0.4	100	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

Part Number

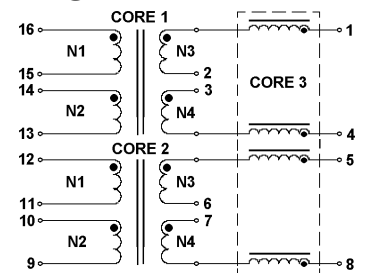
49TM - 303 1 XX A NL
A B C D E F

- A:Series
- B:Line Side Inductance
- C:Sequence id
- D:Inductance And DCR
- E:Schematic
- F:RoHS Version

MARKINGS AND DIMENSIONS



SCHEMATIC A



SCHEMATIC B

