

T1 / CEPT / ISDN PRI SMD Transformers Dual Configuration

For T1/CEPT/ISDN PRI Telecom Applications

1500 V_{RMS} minimum Isolation - Selected units 2000 V_{RMS}

Small footprint / Surface Mount 50 mil style package

Designed to meet CCITT and FCC Requirements

Custom Designs Available

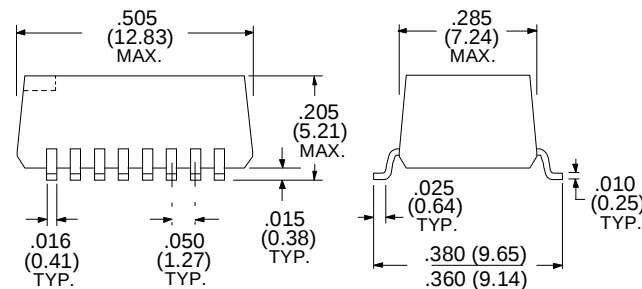
Electrical Specifications at 25° C

Part Number	Turns Ratio (± 5%)	OCL min. (mH)	PRI-SEC C _{WV} max. (pF)	Leakage Induct. max. (μH)	PRI. DCR max. (Ω)	SEC. DCR max. (Ω)	Schematic Style (see pg 7)	Primary Pins
T-14100	1:1.36CT & 1:2CT	1.5	50	0.5	0.7	0.9	A	16-14,6-8
T-14101 ⁽³⁾	1:2CT & 1:2CT	1.2	50	0.8	0.8	1.8	A	16-14,6-8
T-14102 ⁽³⁾	1:1.1.266 & 1:2CT	1.2	50	0.8	0.8	0.8 / 1.8	A	16-14,6-8
T-14103 ⁽³⁾	1:1.15CT & 1:2CT	1.2	50	0.5 / 0.8	0.8	0.8 / 1.8	A	16-14,6-8
T-14104 ⁽³⁾	1:1CT & 1:1CT	1.2	50	0.8	0.8	0.8	A	16-14,6-8
T-14105 ⁽³⁾	1:2.3CT & 1:1CT	1.2	50	0.8	0.8	1.8 / 0.8	A	16-14,6-8
T-14106 ⁽³⁾	1:1.38CT & 1:1:1	1.2	50	0.8 / 0.5	0.8	0.8	F	1-2
T-14107 ⁽³⁾	1CT:2CT & 1:1	1.2	50	0.8 / 0.5	0.8	1.8 / 0.8	D	1-3,9-11
T-14108 ⁽³⁾	1:2CT & 1:1.36	1.2	50	0.8	0.8	1.8/0.8	E	1-3,9-11
T-14109	1CT:2CT & 1CT:2CT	1.5	35	0.8	0.7	1.4	G	16-14,6-8
T-14110	1:1.14CT & 1:2CT	1.5	40	0.5/0.8	0.7	0.9	A	16-14,6-8
T-14111	1:1.36 & 1:2CT	1.5	40	0.5/0.8	0.7	1.0	A	16-14,6-8
T-14112	1CT:2CT & 1:1.1.15:1.266:2	1.2 1.2	50 50	0.6 0.6	1.0 1.0	1.0 1.0	H	16-14 6-8
T-14113	1:2CT & 1:1.1.15:1.266:2	1.2 1.2	50 50	0.6 0.6	1.0 1.0	1.0 1.0	I	16-14 6-8
T-14114	1:1.1.15:1.25 & 1:2CT	1.5 1.5	35 35	0.5 0.5	0.7 0.7	0.9 0.9	J	16-14 6-8
T-14150	1:2CT & 2CT:1	2.0	45	.6 / .6	0.7 / 1.0	1.0 / 0.7	C	16-14,6-8
T-14151	1CT:2CT & 1:1	1.2	30	.55 / .5	0.7	1.1 / 0.7	D	1-3,11-9
T-14152	1.58:2CT & 1.58:1	0.8	30	0.5	0.5	0.5 / 0.3	E	1-3,6-8
T-14153	1:1CT & 2:1	0.8	30	0.6	0.5	0.5 / 0.2	E	1-3,6-8
T-14154	2.62:2CT & 2.62:1	1.2	30	0.8	0.6	0.5 / 0.3	E	1-3,6-8
T-14155	1:1 & 1CT:1	1.2	30	0.5/0.8	0.7	0.7	E	6-8,16-14
T-14156	1:1CT & 2.53CT:1	0.06 / 2.0	23 / 25	0.75 / 1.5	0.6 / 0.7	0.6 / 1.0	C	9-11,1-3
T-14157	1:1CT & 2CT:1	0.06 / 3.2	25 / 30	0.75 / 0.8	0.6 / 0.7	0.6 / 0.7	C	9-11,1-3
T-14158	1:1.15CT & 1:2CT	1.5 1.2	35 40	0.6 0.5	0.7 0.7	0.9 1.1	A	16-14 6-8
T-14159	1:1.1.266 & 1:2CT	1.5 1.2	35 40	0.4 0.5	0.7 0.7	0.9 1.1	A	16-14 6-8
T-14160	1CT:1CT & 1:1.36CT	1.2	35	0.8	0.8	0.9	K	6-8

1. ET-Product of 10 V-μsec min.
2. OCL Measured across Primary @ 100 kHz & 100mV.
3. 2000 V_{RMS} minimum Isolation.

Available on
Tape & Reel

Dimensions in
Inches (mm)



Specifications subject to change without notice.

For other values & Custom Designs, contact factory.

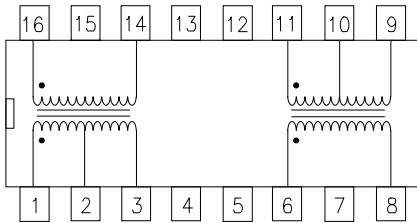
T1-50ML - 4/99

T1 / CEPT / ISDN PRI Dual Transformers

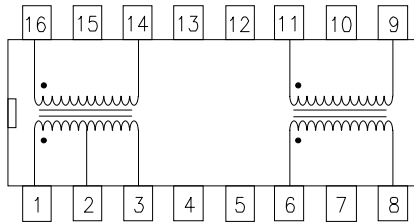
16 Pin 50 Mil Schematics

(Refer to Table on Page 6)

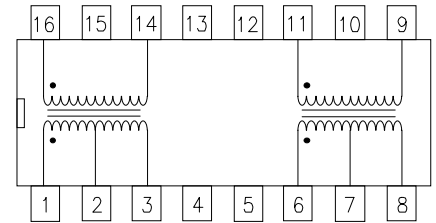
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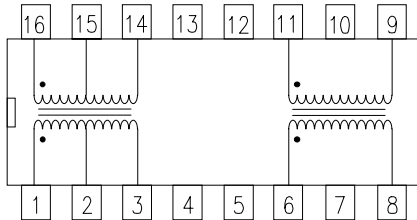
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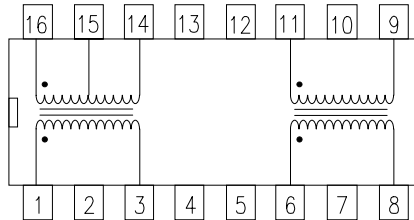
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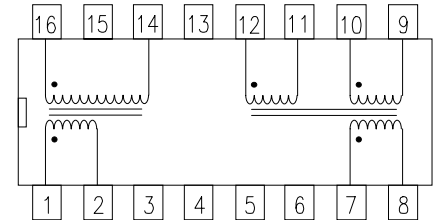
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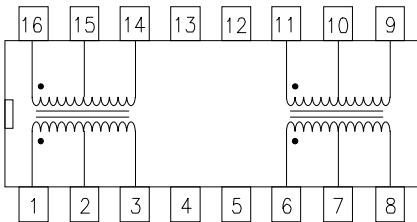
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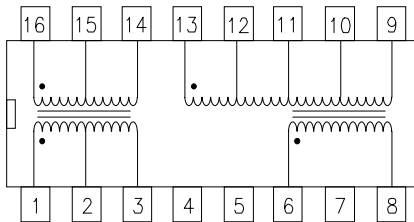
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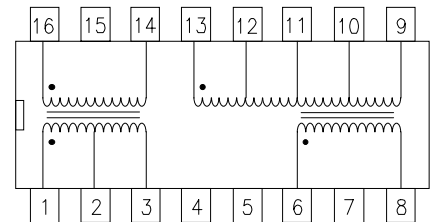
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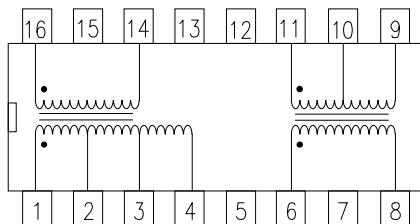
H



I



J



K

