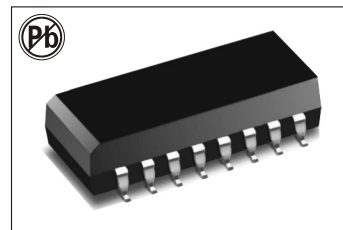


E1/T1/ISDN-PRI TRANSFORMER

T-100 SERIES



FEATURES:

- Mini SWT SO package
- Extended Temperature Range
- 1500 Vrms Isolation

OPTIONS:

- Tape & Reel is Standard
- Custom design available

COMMON APPLICATIONS:

- E1/T1/CEPT/ISDN- Pri Transformer

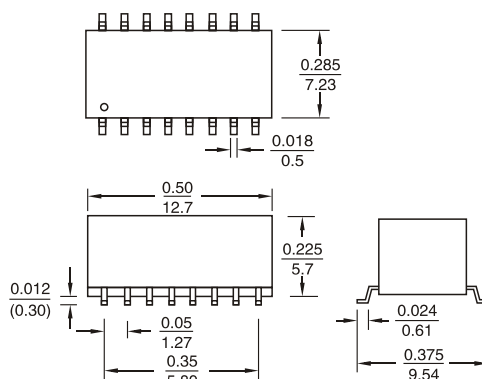
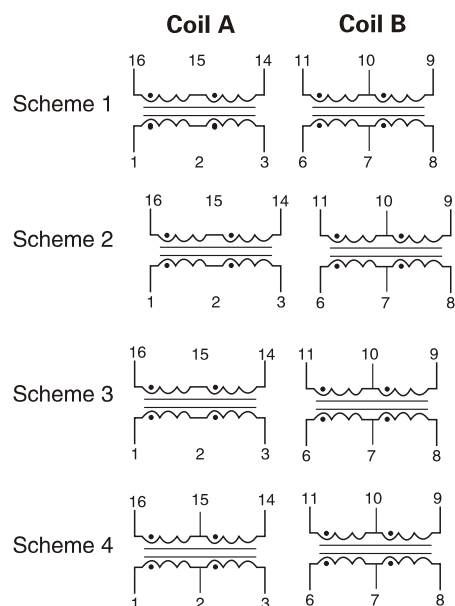
STANDARD SPECIFICATIONS

Part Number	Turns Ratio $\pm 2\%$		Lp (mH) (Min)	Cww (pF) (Max)	L _L (μH Max) A/B	DCR (Ω Max)		SCH	Primary Pins	
	Coil A	Coil B				A: Pri/Sec	B: Pri/Sec		Coil A	Coil B
T-101	1CT:2CT	1CT:2CT	1.5	45/45	0.6/0.6	1.0/2.0	1.0/2.0	1	16-14	6-8
T-102	1CT:2CT	1CT:2CT	1.5	45/45	0.5/0.5	1.0/2.0	1.0/1.0	1	1-3	11-9
T-103	1CT:1.41CT	1CT:1.41CT	1.28	30/30	0.8/0.8	0.7/0.9	0.7/0.9	1	1-3	11-9
T-104	1CT:1.15CT	1CT:1.15CT	1.5	45/45	0.5/0.5	1.0/1.0	1.0/1.0	1	1-3	11-9
T-105	1:1.15CT	1.2CT	1.5	40/40	0.5/0.5	0.7/0.9	0.7/0.9	2	16-14	6-8
T-106	1CT:1.25CT1.15	1CT:2CT	1.5	40/40	0.5/0.5	0.7/0.9	0.7/0.9	1	16-14	6-8
T-107	1CT:2CT	1CT:2CT	1.2	30/30	0.6/0.6	0.7/1.0	0.7/1.0	1	16-14	6-8
T-108	1CT:1CT	1CT:1.36CT	1.2	30/30	0.6/0.6	0.7/0.7	0.7/0.7	1	16-14	6-8
T-109	1CT:1.15CT	1CT:1.15CT	1.2	30/30	0.6/0.6	0.7/0.5	0.7/0.75	1	1-3	6-8
T-110	1:1.15CT	1.2CT	1.2	30/30	0.6/0.6	0.7/0.75	0.7/1.0	3	16-14	6-8
T-111	1CT:1.41CT	1CT:1.41CT	1.0	30/30	0.6/0.6	0.7/0.9	0.7/0.9	1	16-14	11-9
T-112	1CT:2.42CT	1CT:2.42CT	1.2	25/25	0.6/0.6	0.7/1.2	0.7/1.2	1	1-3	6-8
T-113	1CT:2CT	1CT:1.36CT	1.2	30/30	0.6/0.6	0.7/1.2	0.7/0.8	4	16-14	6-8
T-114	1:1.36CT	1.2CT	1.5	35/40	0.5/0.5	0.9/1.3	0.9/1.3	2	16-14	6-8
T-115	1CT:2.4CT	1CT:1CT	1.0	30/30	0.8/0.8	0.85/1.5	0.85/0.85	1	1-3	11-9
T-116	1:1/1.26	1:1/2CT	1.2	30/30	0.6/0.6	0.7/0.8	0.7/1.0	3	16-14	6-8
T-117	1CT:1CT	1CT:1.5CT	1.0	30/30	0.6/0.6	0.7/0.7	0.7/1.0	1	16-14	6-8
AT-118	1CT:2CT	1CT:1.36CT	1.2	30/30	0.6/0.6	0.7/1.0	0.7/0.8	4	16-14	6-8

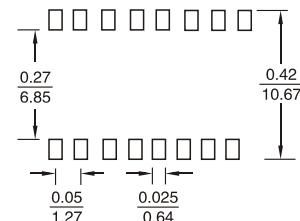
Note: 1. K = $\pm 10\%$, M = $\pm 20\%$

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

NOTE: (Extend Temperature -40°C to 85°C , OCL is 0.6 mH min @ -40°C)



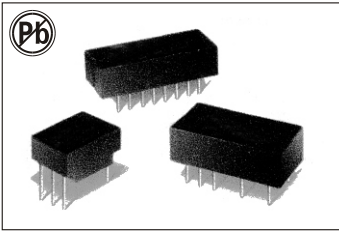
Dimmension: Inch/mm



Recommended Pad Layout

- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 70°C (-40°C to 85°C Extended)
- Storage Temperature: -55°C to 125°C

Note: All specifications subject to change without notice.



T1/E1/ISDN-PRI TRANSFORMER MODULES

T-6000 SERIES

FEATURES:

- Low Profile 6PIN DIP Package
- Low Leakage Inductance
- Low Interwinding Capacitance
- High Isolation Voltage
- Meets MIL-STD21038

OPTIONS:

- Tape & Reel is Standard
- Custom design available

APPLICATIONS:

- Lan, WDN
- Computers
- SMPS Control Circuits
- T1/E1/ISDN-PRI

SPECIFICATIONS @ 250C:

Part Number	TURNS RATIO (± 5%)	PULSE INDUCTANCE (μ H ± 20%)	LEAKAGE INDUCTANCE (μ H MAX)	PRIMARY ET-CONSTANT (V-US MIN)	PRI/SEC CW/W (PF MAX)	PRIMARY DCR (OHMS MAX)	SECONDARY DCR (OHMS MAX)	TERTIARY DCR (OHMS MAX)	HI-POT (VRMS MIN)	PACKAGE
T-6001	1:1	10	0.3	3.2	18	0.9	0.9	—	500	A/B
T-6002	1:1	50	0.4	5.0	21	0.9	0.9	—	500	A/B
T-6003	1:1	500	0.5	8.5	32	1.3	1.3	—	500	A/B
T-6004	1:1	2000	0.8	16.0	37	2.5	2.5	—	500	A/B
T-6005	1CT:1CT	50	0.3	5.0	18	0.9	0.9	—	500	A/B
T-6006	1CT:1CT	200	0.4	5.2	18	1.3	1.3	—	500	A/B
T-6007	1CT:1CT	500	0.5	8.5	32	1.3	1.3	—	500	A/B
T-6008	1CT:1CT	2000	0.8	16.0	37	2.5	2.5	—	500	A/B
T-6009	2:1:1	20	0.8	5.0	8	0.9	0.5	0.5	500	A/B/C
T-6010	3:1:1	200	1.3	5.0	7	0.9	0.4	0.4	500	A/B/C
T-6011	4:2:1	500	0.9	8.5	13	1.4	0.8	0.5	500	A/B/C
T-6012	4:2:1	2000	2.5	16.0	20	2.5	1.4	0.8	500	A/B/C

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

