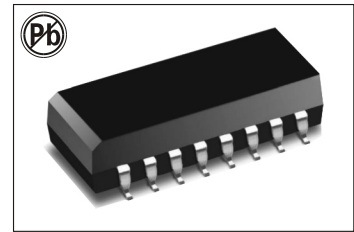


E1/T1/ISDN-PRI TRANSFORMER

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

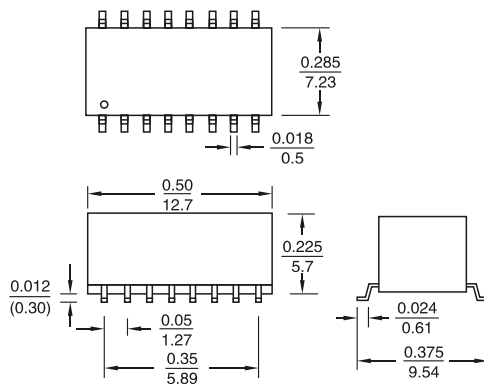
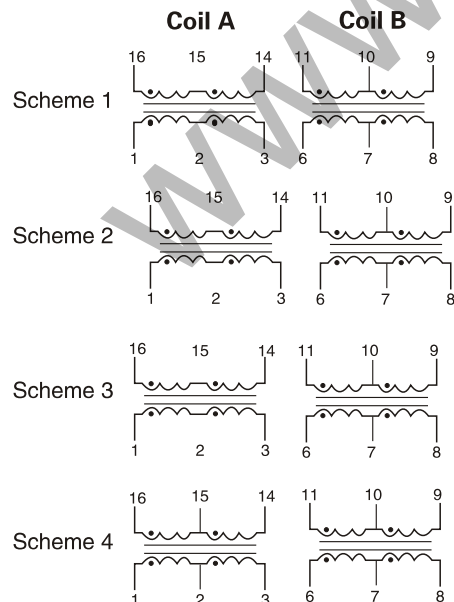
STANDARD SPECIFICATIONS

Part Number	Turns Ratio $\pm 2\%$		Lp (mH) (Min)	Cww (pF) (Max)	L _L (μ H 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:1.25CT	1:1.5	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
T-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

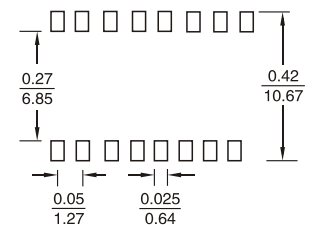
Note: 1. K = $\pm 10\%$, M = $\pm 20\%$

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

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



Dimension: 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.