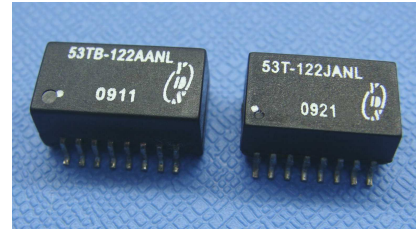




T1/CEPT/ISDN-PRI TRANSFORMERS

FEATURES

- Small surface mount package.
- Dual SMT package contains both transmit and receive transformers.
- Models matched to transceiver ICs.
- Isolation voltage: 1500 Vrms.
- Recognized by UL 1950.



ELECTRICAL SPECIFICATIONS @25°C 0°C to 70°C

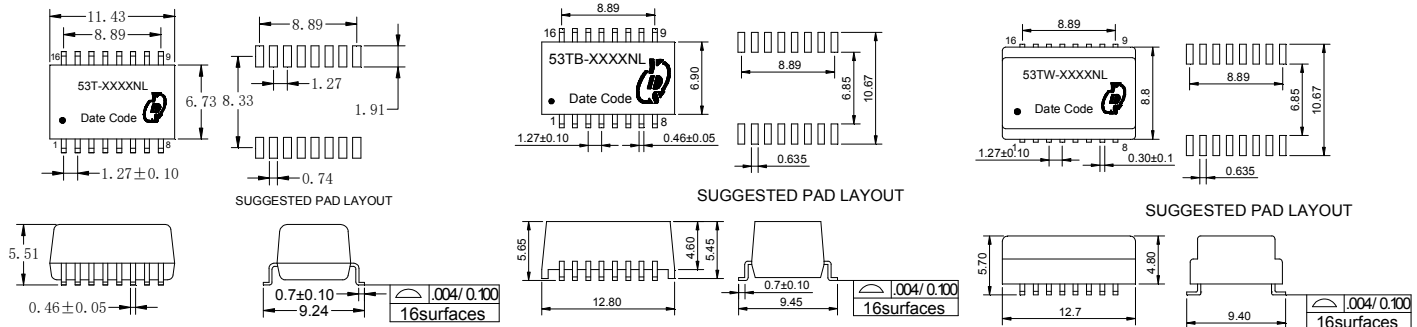
PART NUMBER		TURNS RATIO (Pri:Sec±5%)	OCL (mH MIN)	C _{WW} (pFMAX)	LL (μHMAX)	DCR PRI (Ω MAX)	DCR SEC (Ω MAX)	SCHEMATIC	PRIMARY PINS
STD Temp.	Ext Temp.								
53T(B)-1221A	53T(B)-1221AC	1CT:2CT&1CT:2CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	1.40&1.40	A	16-14,6-8
53T(B)-1222B	53T(B)-1222BC	1CT:2CT&1:1.36CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	1.00&0.80	B	16-14,6-8
53T(B)-1223C	53T(B)-1223CC	1:1.15CT&1CT:2CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	0.70&1.00	C	16-14,6-8
53T(B)-1224C	53T(B)-1224CC	1:1/1.26&1CT:2CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	0.80&1.00	C	16-14,6-8
53T(B)-1225A	53T(B)-1225AC	1CT:1.15CT&1CT:1.15CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	0.75&0.75	A	1-3,6-8
53T(B)-1223A	53T(B)-1223AC	1CT:1CT&1CT:1.15CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	0.70&1.00	A	16-14,6-8
53T(B)-1226A	53T(B)-1226AC	1CT:1CT&1CT:2CT	1.20&1.20	30&30	.60 & .60	0.70&0.70	0.70&1.00	A	16-14,6-8
53T(B)-1027A	53T(B)-1027AC	1CT:1.41CT&1CT:1.41CT	1.00&1.00	30&30	.60 & .60	0.70&0.70	0.90&0.90	A	16-14,11-9

MARKINGS AND DIMENSIONS

53T(Molding):

53TB(Bottom Potting):

53TW(Bottom Potting):



SCHEMATICS

