

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

YUAN DEAN SCIENTIFIC



T1/CEPT/ISDN-PRI
Transformers

53T/53TB SERIES

SMD

1.5KVrms Isolation



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

Part Number		Turns Ratio (Pri:Sec±5%)	OCL (mH min.)	CW/W (pF max.)	LL (uH max.)	DCR Pri. (Ω max.)	DCR Sec. (Ω max.)	Schematic	Primary Pins
STD Temp.	Ext Temp.								
53T(B)-1221ANL	53T(B)-1221ACNL	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)-1222BNL	53T(B)-1222BCNL	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)-1223CNL	53T(B)-1223CCNL	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)-1224CNL	53T(B)-1224CCNL	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)-1225ANL	53T(B)-1225ACNL	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)-1223ANL	53T(B)-1223ACNL	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)-1226ANL	53T(B)-1226ACNL	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)-1027ANL	53T(B)-1027ACNL	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

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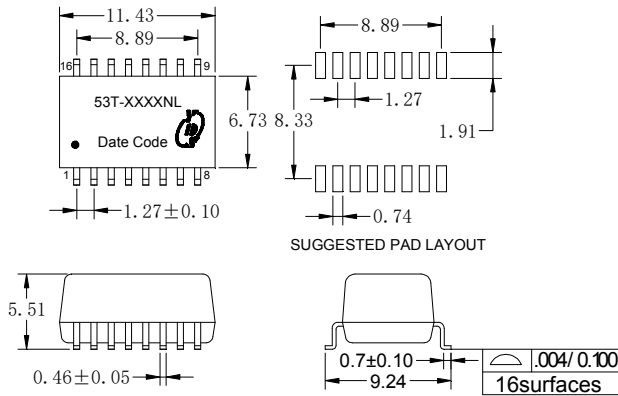


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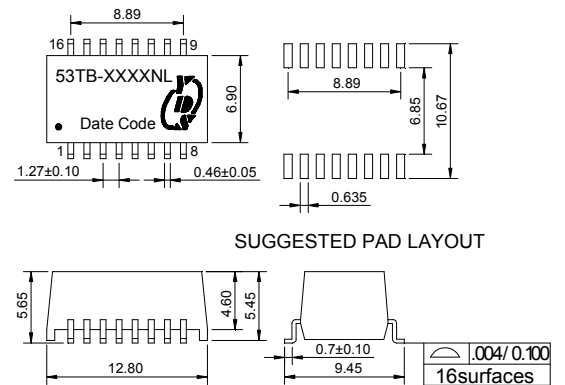
Rev: 1 2018/11/14

Mechanicals and Dimensions

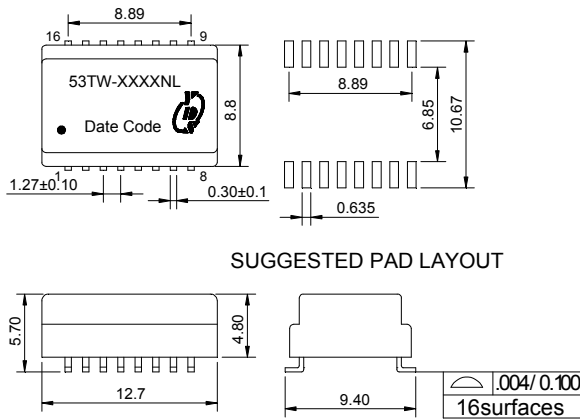
53T (Molding)



53TB (Bottom Potting)



53TW (Bottom Potting)



Schematics

