

## FEATURES:

- Dual port line interface modules for  
estate sensitive T1,E1,Pri ISDN and CEPR  
applications
- Isolation Voltage:1500Vrms
- Recognized by UL 1950

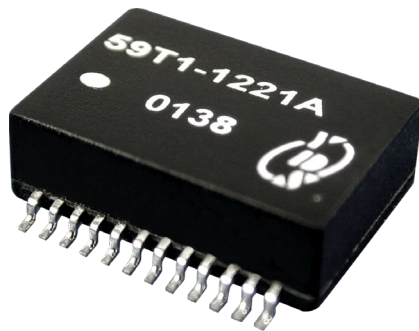
YUAN DEAN SCIENTIFIC



T1/E1/ISDN-PRI  
Quad Transformers

59T1 SERIES

1.5KVrms Isolation  
Surface Mount Package

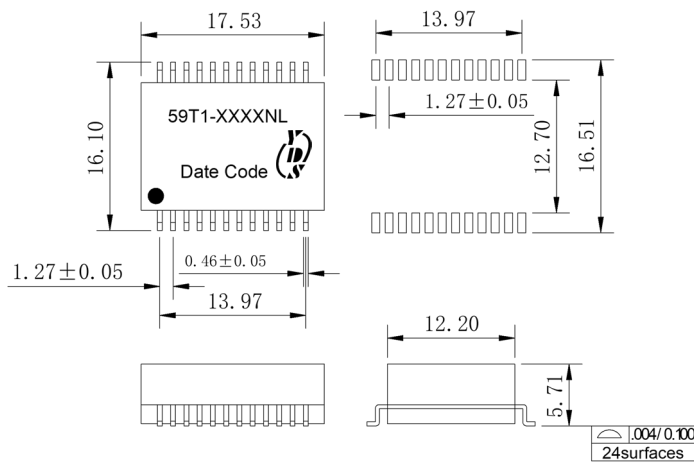


## Electrical Specifications@25°C-Operating Temperature 0°C to 70°C

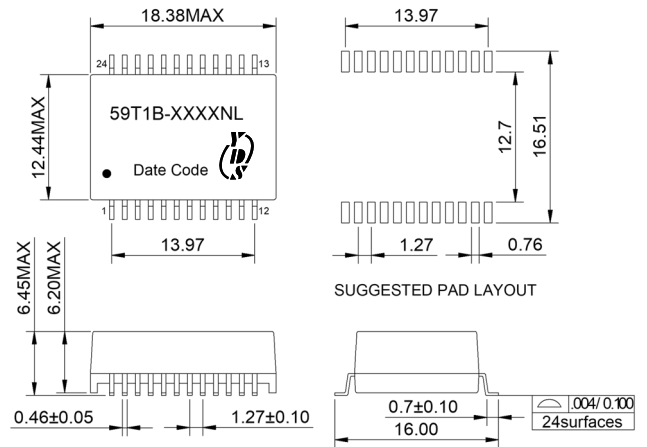
Part Number	Turns Ratio (±5%)		OCL (mH Min)	LL (uH Max)	Cw/w (pF Max)	Pri DCR (Ω Max)	Primary Pins	
	TX	RX					TX	RX
59T1-152AD1NL	1CT : 2CT	1CT : 2CT	1.5	0.5	35	0.8	4-6,10-12	1-3,7-9
59T1-152BD1NL	1CT : 2.42CT	1CT : 2.42CT	1.5	0.5	35	0.8	4-6,10-12	1-3,7-9
59T1-152CD1NL	1CT : 1.36CT	1CT : 1.36CT	1.5	0.5	35	0.8	4-6,10-12	24-22,18-16
59T1-152DD1NL	1CT : 2CT	1CT : 2CT	1.5	0.5	35	0.8	1-3,10-12	21-19,18-16
59T1-152ED1NL	1CT : 1.36CT	1CT : 2CT	1.5	0.5	35	0.8	4-6,10-12	24-22,18-16

Mechanicals and Dimensions

59T1 (Molding)

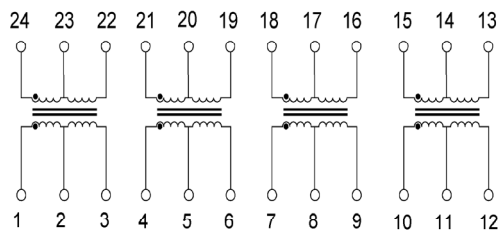


59T1B (Bottom Potting)

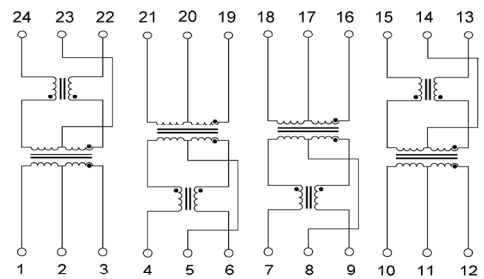


Schematics

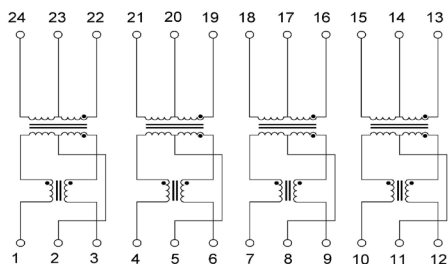
D



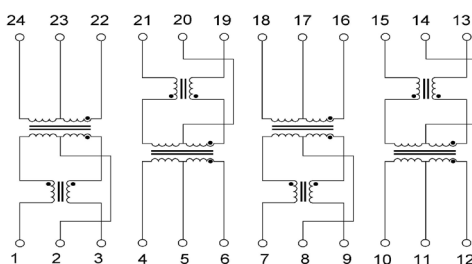
N



E



P



Q

