

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

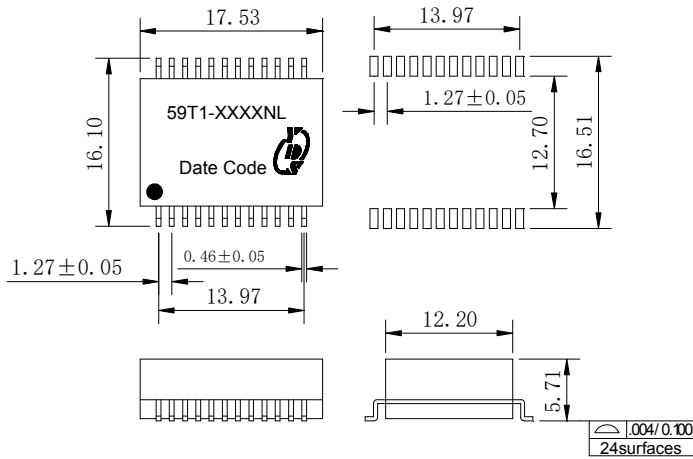


ELECTRICAL SPECIFICATIONS@25°C-Operating temperature 0°C To 70°C

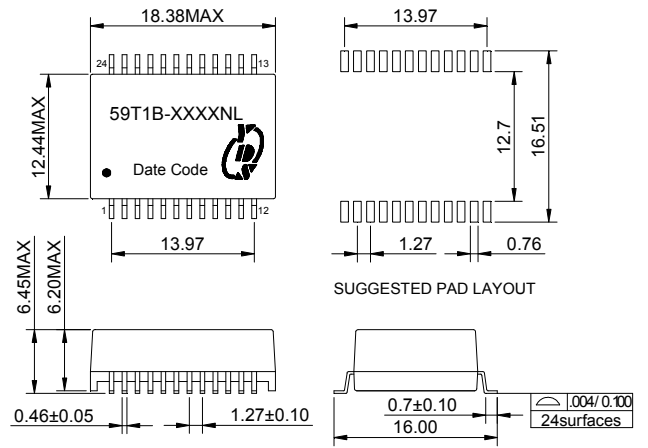
| Part Number | Turns Ratio (±5%) | | OCL (mH Min) | LL (uH Max) | Cw/w (pF Max) | Pri DCR (Ω Max) | Primary Pins | |
|---------------|----------------------|--------------|-----------------|----------------|------------------|--------------------|--------------|-------------|
| | TX | RX | | | | | TX | 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)

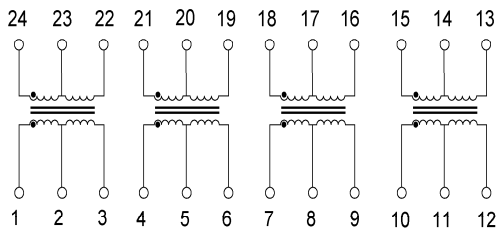


59T1B (Bottom Potting)

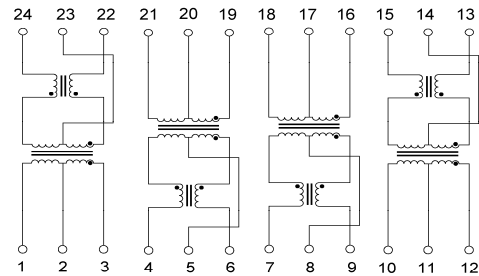


Schematics

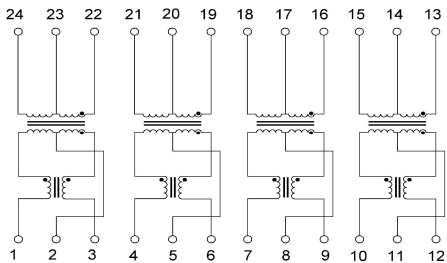
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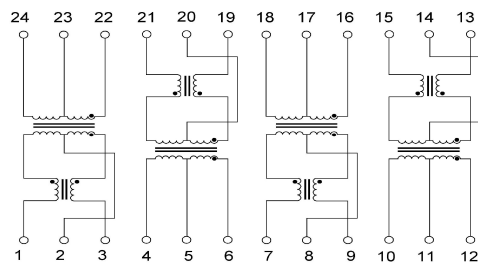
N



E



P



Q

