

**TRANSFORMER
(DIGITAL AUDIO DATA)**

MMT 30T SERIES

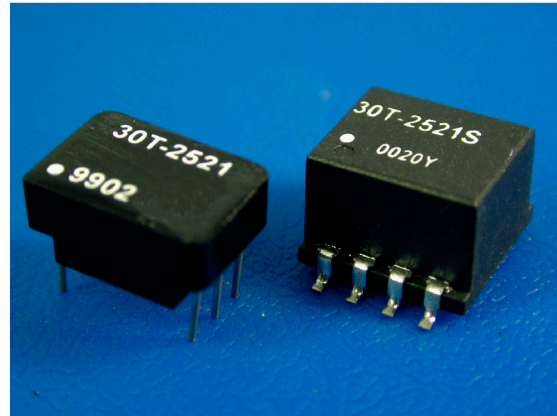
TRANSFORMER FOR DIGITAL AUDIO DATA TRANSMISSION

FEATURES

- OPERATING TRANSMISSION RATES: 1 TO 7 Mbps
- CONTROLLED RISE TIME :25nsec max
- HIGH ISOLATION VOLTAGE :2KV min

TEST CONDITIONS

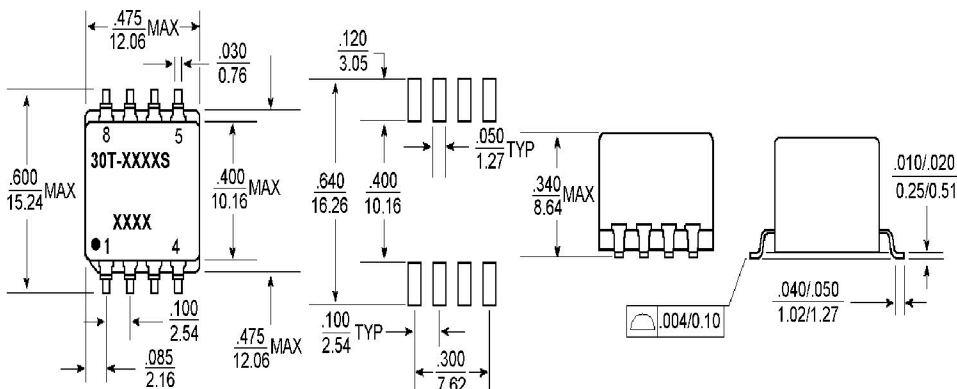
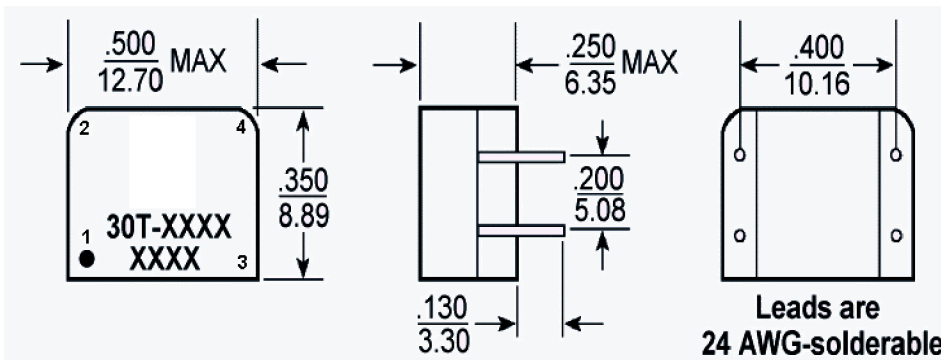
- Inductance ----- 100KHz/50mV
- Leakage Inductance ----- 100KHz/50mV



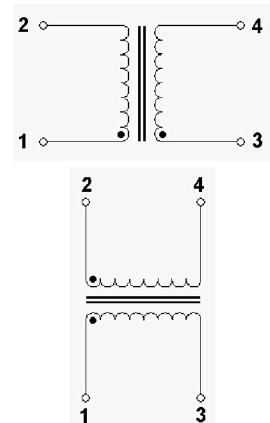
ELECTRICAL SPECIFICATIONS

| PART NUMBER | TURNS RATIO (±5%) | PRIMARY INDUCTANCE (mH±5%) | L _L SEC. (μ H max.) | RISE TIME (nsec) max | E _t (V-μ sec) max | ISOLATION (V _{rms}) min | BANDWIDTH 100KHz 10MHz | RETURNLOSS 100KHz 10MHz | SCHEMATIC |
|-------------|-------------------|----------------------------|--------------------------------|----------------------|------------------------------|-----------------------------------|--------------------------|---------------------------|-----------|
| 30T-2521 | 1:1 | 2.5 | 0.50 | 25 | 20 | 2000 | 3dB | 22dB | THT |
| 30T-2521S | 1:1 | 2.5 | 0.50 | 25 | 20 | 2000 | 3dB | 22dB | SMT |

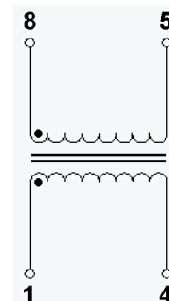
MARKINGS AND DIMENSIONS



SCHEMATICS



B



Dimensions: inches/mm

Unless otherwise specified, all tolerances are ±.005/±0.13