

**TRANSFORMER
(DIGITAL AUDIO DATA)**

MMT 30T SERIES

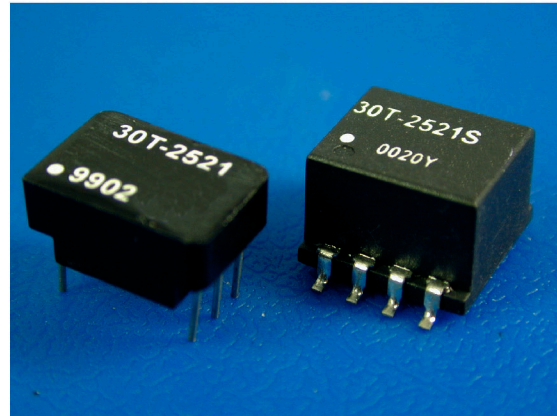
TRANSFORMER FOR DIGITAL AUDIO DATA TRANSMISSION

FEATURES

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

TEST CONDITIONS

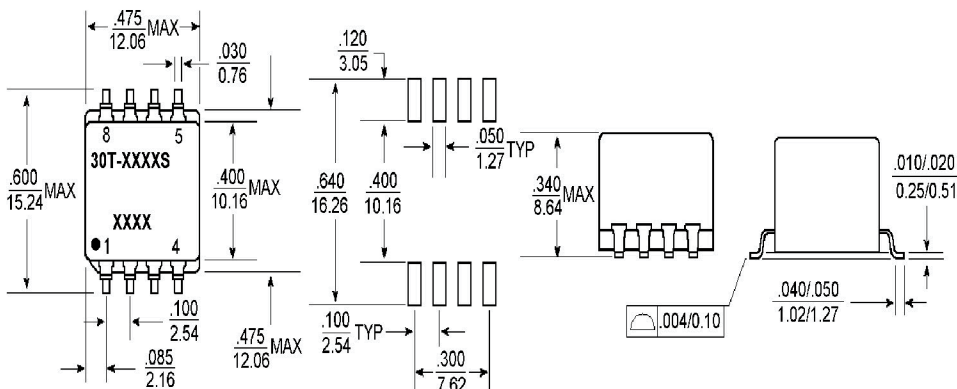
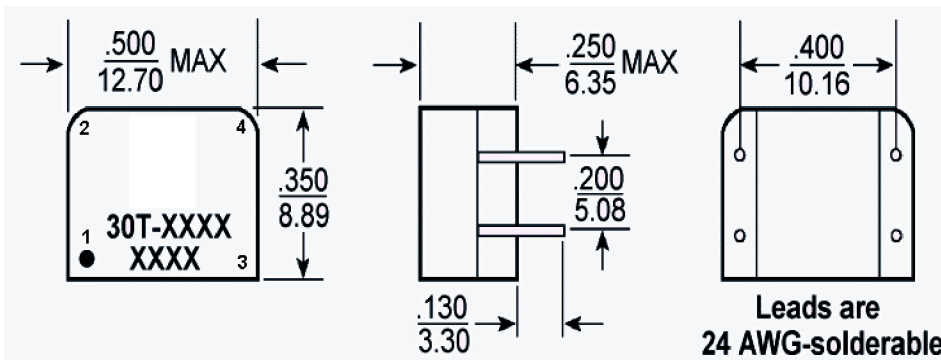
- Inductance ----- 100KHz/50mV
- Leakage Inductance ----- 100KHz/50mV



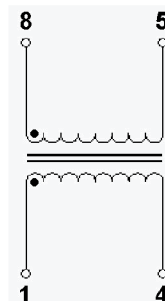
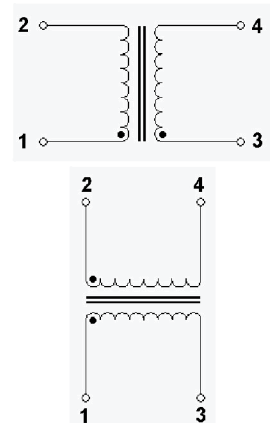
ELECTRICAL SPECIFICATIONS

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



Dimensions: inches/mm

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