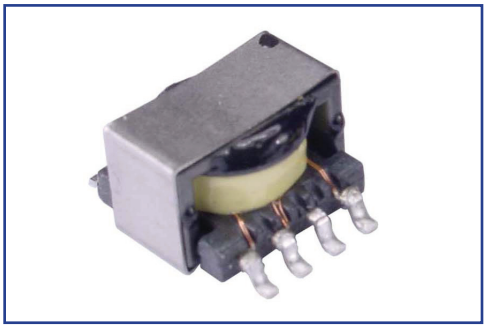
SHIELDED DIGITAL AUDIO TRANSFORMER

T500X SERIES



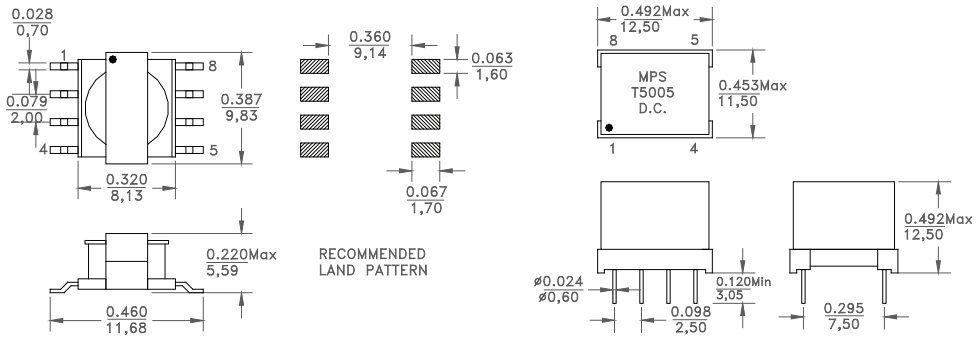
- Shielded Transformer
- Lowest Jitter
- Highest CMR
- 28-192KHz sample rate
- RoHS Compliant Product
- Custom Design Available

ELECTRICAL PARAMETERS @25°C

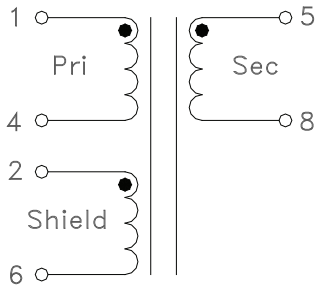
Part Number	Turns Ratio (1-4:5-8 ±2%)	OCL (µH MIN) 1-4	L_L (µH MAX) 1-4	C_{ww} (pF MAX) 1-8	DC Resistance (Ω MAX) 1-4/5-8	Package
T5004	1:1	600	1.50	100	1.5 & 1.5	SMD
T5005	1:1	600	1.50	100	3.00	Thru Hole

NOTES:
1. OCL measured at 50KHz, 0.25V_{RMS}
2. C_{ww} measured between pin 1 and 8 with pin 2 or 6 to guard voltage
3. Hipot: 2KVDC, 0.5mA max, 3 seconds (1,4 to 5,8)
4. L_L and C_{ww} measured at 100KHz 0.25V_{RMS}
5. Do not ground both pin 2 and pin 6 at the same time
6. Polarity: 1 & 5 are in phase

DIMENSIONS (mm)



SCHEMATIC



Dimensions
Unless otherwise specified, all tolerances are:
inch: .XX : ±0.015 .XXX : ±0.004
mm: X,X : ±0,38 X,XX : ±0,10

Product performance is limited to specified parameters. Data is subject to change without prior notice.

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