

Piezoelectric Transformers

CeraTrans[®] for High voltage supply and Inverter



FEATURES

- Single layer or multilayer piezoceramic transformer
- High conversion efficiency
- Low EMI radiation
- Low profile planar construction
- No fire hazard
- Inherent safety for an electrical short in the secondary

APPLICATIONS

- High voltage power supply for ion generator or backlight inverter for CCFL

Specification(Typical)

Item	Model					
	TT-180M	TT-180N	TT-250N	TT-330N	TT-500N	TT-151M
Resonant Frequency ¹⁾ [kHz]	110	110	98	77	50	27
Static Input Capacitance [pF]	570	3700	4800	5400	1500	850
Static Output Capacitance [pF]	4	5	6	4	9	9
Dimension (L x W x T) [mm]	30x5x1.3	30x5x1.7	33x5x1.7	43x5x1.7	35x8x2.8	60x12x2.9
Step-Up Ratio (Load=100kΩ)	6.5	15	15	18	8	2.5
Type	Single layer	Multi-layered				Single-layer

Notes

- 1) Resonant frequency and voltage transfer ratio vary with load resistance.
- 2) For step-ratio or electrical characteristics, contact DIT sales person.

CeraTrans[®] can also be supplied with a package.
This specification might be subjected to changes without a prior notice.