

Transformers for Miniature Cold-cathode Fluorescent Lamps



Outline

The widespread use of liquid-crystal displays in car dashboards, audio equipment, and notebook computers has resulted in greater demand for transformers for back-lighting purposes. With our integrated manufacturing capability that enables us to produce not only devices but also materials used in them, we have produced a series of high-quality transformers that features small-size, low-height construction.

Features

- Usable in high-voltage applications
- Small-size, low profile
- Through-hole type ideal for board mounted applications (16W, R22SW)

Applications

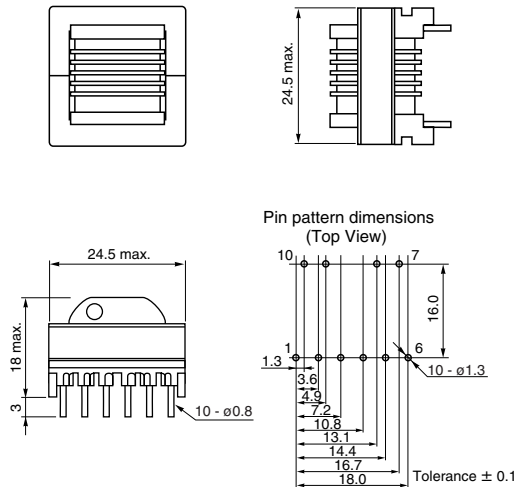
- LCD back light for personal computers
- Switching for cold-cathode fluorescent lamps of facsimile machines

Model	Maximum Power* (W)	Insulation AC Withstand Voltage [primary to secondary for 1minute] (VAC)	Maximum Output Voltage (V)
BLT-16W	5	1500	1200
BLT-R22SW	12	2000	1500

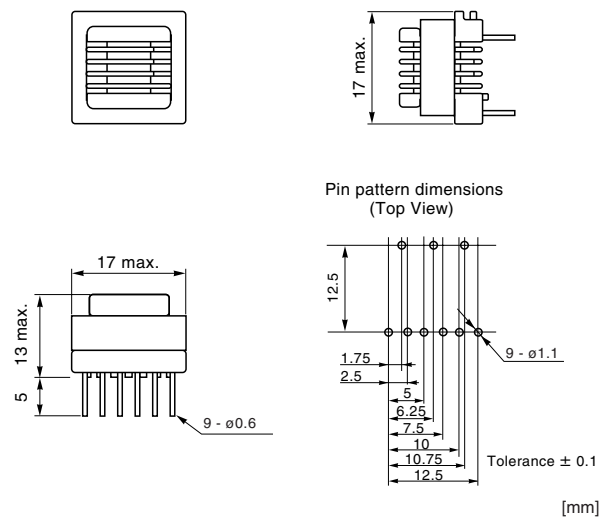
* Maximum power: (f = 30 kHz)

Shape and Dimensions

● BLT-R22SW



● BLT-16W



Circuit Example

