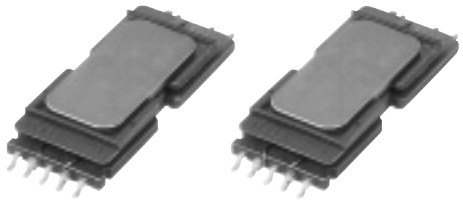
For CCFL Inverters
(Eliminates need for Ballast Caps)

Japan
Singapore
China

Series: **FJ18S**



■ Features
- Miniature and Thin 11.6×32×H4.5 mm (FJ18S)
- Automatic mounting capability
- Lead-free soldering (Reflo w Temp. 260 °C peak)
- Eliminates need for Ballast Caps

■ Recommended Applications
- LCD displays
- LCD TVs
- Notebook PCs
- Car Navigation systems

■ Example of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	T	J	V	1	8	Z	E				
Product Code				Style		Structure		Design No.			Packing Code

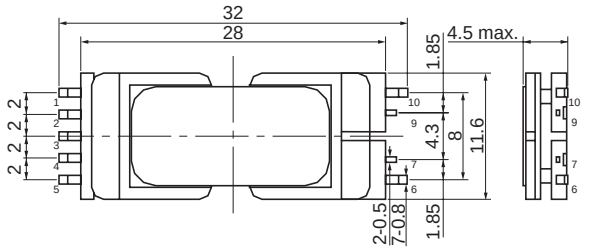
■ Package Style

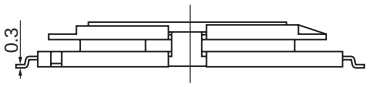
Packaging	Tray Pack
Quantity	200 pcs. (50 pcs./tray×4)

■ Example of Application Characteristics

Type	Input Volt. (V)	Max. Power (W)	Efficiency (%)	Open Volt. (Vrms)
FJ18S	6 to 15	2.5 (Self Oscillating type) 4.0 (External Oscillating type)	80 to 90	1400

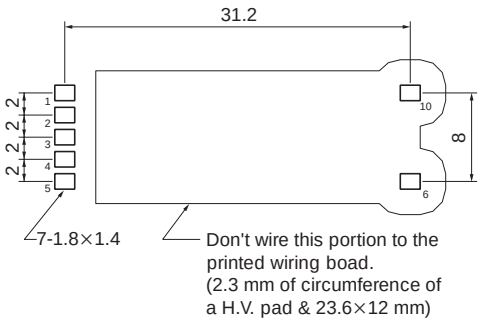
■ Dimensions in mm (not to scale)



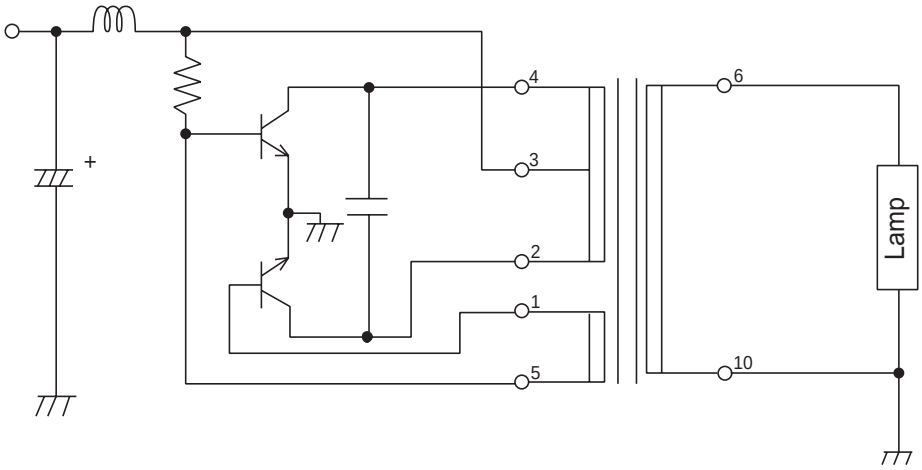


Type	Height
FJ18S	4.5 max.

● Recommended land pattern



■ Application Examples



⚠ Cautions for Use

This product is a transformer which generates high voltage. If used or handled improperly, there may be a danger of electric shock and smoking, etc.
For reliability and safety, consider following precautionary items.

1. When using this product, it is recommended that the user confirm and evaluate the products in actual conditions. If abnormal conditions occur, there may be an unusual smell, sound and/or smoking, etc.
   Consider including protective circuitry in your design.

2. There is the danger of electric shock while touching the products during operation.
   In addition, please keep its distance from other parts at 2.3 mm or more.

3. Applying excessive pressure, vibration and force to the products may be damage and/or deteriorate their electrical and magnetic performance.

4. Please contact Panasonic before parts are cleaned with ultrasonic cleaning or CFC solvents, these processes may damage the products.

5. Do not to store under high temperatures, high moisture, corrosive gases, or near magnetic fields.

6. After storage exceeding 1 year, only use the products after inspecting their outer structure. Oxidation or a decline in solderability may have occured.