

Current Transformers for Switching Power Supply

Japan

Type: **FJ04**

Transformer for over current detection of switching power supply



Industrial Property: Patents 2 (pending)

■ Features

- Small and Low profile
- Low-loss
- Capable of automatic mounting

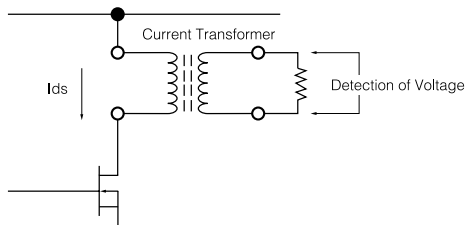
■ Recommended Applications

- On-board power supply
- Power module

■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9
E	T	J	0	4	K	1	A	Z
Product Code			Style	Classification	Design No.	Structure		

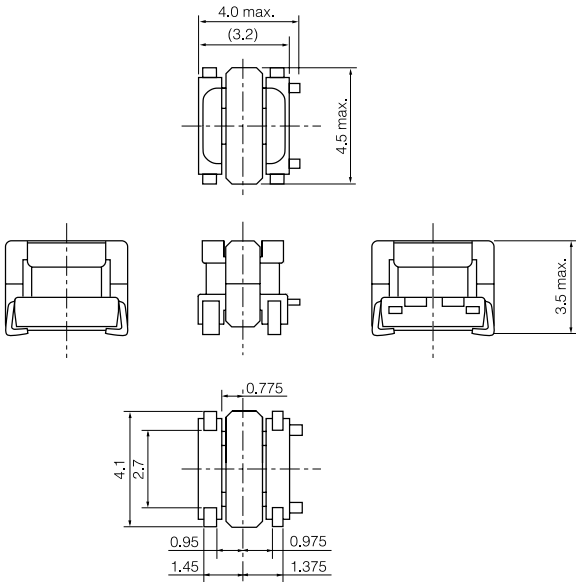
■ Applied Diagram Examples



■ Performance Characteristics

FJ04Z		
Operating Temperature		- 40 °C to 115 °C
Frequency Range		f = 200 kHz to 500 kHz, Duty = 30 % to 50 %
DCR (at 20 °C)	Pri.	3.0 mΩ max.
	Sec.	17 Ω (Tolerance : ± 20 %)
Winding Ratio	P : S	1 : 150
Dielectric Withstanding Volt.	P : S	AC 500 V [rms], 1 min.

■ Dimensions in mm (not to scale)



Recommended Land Pettern in mm (not to scale)

