

## FTE1006 Series

### Features

- Ferrite toroidal core construction
- Enamelled copper wire: F&H class
- RoHS-compatible



### Applications

- Audio, TV/Video
- Measuring equipment and control units
- Medical equipment
- Solar system
- Switching power supply

### Electrical Specifications

Ordering Code	Inductance L1, L2 ( $\mu$ H $\pm$ 40%)	DCR ( $\Omega$ ) N1, N2 Max.	Nominal Voltage Vdc (V)	Rated Current (A)	HI-POT Test	Impedance ( $\Omega$ ) Min.	Freq. Range (MHz)
FTE1006121YL	120	0.025	50	1.40	1000 Vac 60 Hz 3 mA 1 Minute	200	10~200
FTE1006251YL	250	0.035	50	1.19		400	5~100
FTE1006501YL	500	0.070	50	0.84		800	2~50
FTE1006102YL	1000	0.180	50	0.52		1400	1~40
FTE1006202YL	2000	0.270	50	0.40	300 Vac 60 Hz 3 mA 1 Minute	2000	0.5~15
FTE1006302YL	3000	0.330	50	0.35		3000	0.5~10
FTE1006402YL	4000	0.550	50	0.30		4000	0.5~5
FTE1006502YL	5000	0.620	50	0.25		5000	0.5~3

- 1). Electrical specifications at 25°C
- 2). Rated current base on Temp. rise 45°C
- 3). Inductance Test Condition: 100kHz / 0.1V

### Mechanical

A	B	C	E	F	G	$\varnothing$
10.0 $\pm$ 0.3	8.7 $\pm$ 0.3	6.50 Max.	6.22 $\pm$ 0.1	7.62 $\pm$ 0.1	0.30 Min.	1.50 Ref.

