

■ Features

- Line filters suppressing conductive noise ranging from low to high frequency generated at power supply circuit of various electronic equipment.
- High levels of safety and reliability.
- Extremely cost effective design.
- Useful for application requiring inductance to vary with current load changes.
- Self electromagnetic shielding. Easy PC board mounting on version application.

■ Applications

- TV and Audio equipment.
- Switching power supplies.
- Motherboard.
- Buzzers and Alarm systems.
- Other noise filters.

■ Product Identification

<u>YDTC</u>	<u>130806</u>	—	<u>472</u>	<u>L</u>
(1)	(2)		(3)	(4)

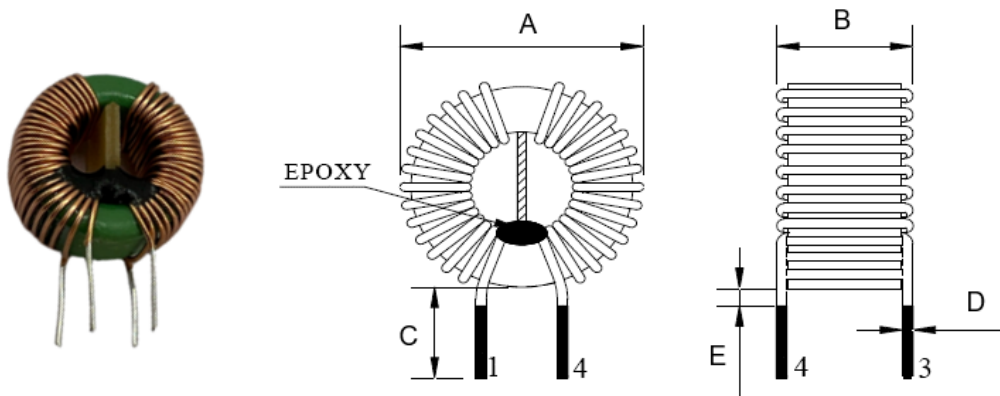
(1) : Type

(2) : Dimensions

(3) : Inductance value: 472=4.7mH

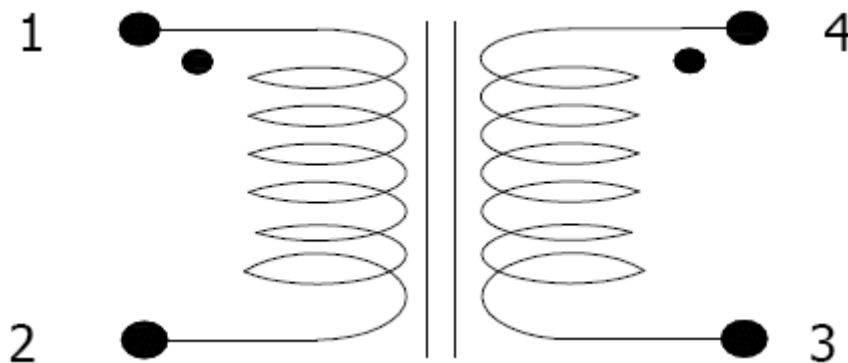
(4) : Style: L- vertical W-horizontal

■ Shapes and Dimensions (Unit: mm)



A Max.	B Max.	C	D	E Max.
16.5	10.0	6.0±1.0	0.4±0.1	1.5

■ Schematic Circuit



■ General Specification

Rating DC current: Temperature rise(ΔT) is 40°C approximately at I_{rms} .

■ Electrical Specification(at 25°C)

Test Item	Spec	Pin	Test Condition	Test Instruments
L	4.7mH Min.	1-2,4-3	1KHz/0.25V	HP-4284A
DCR	120mΩ Max	1-2,4-3	25°C	502BC
HI-POT	1000VAC	Coils ~ Coils	5mA/3S/50Hz	TH-9320

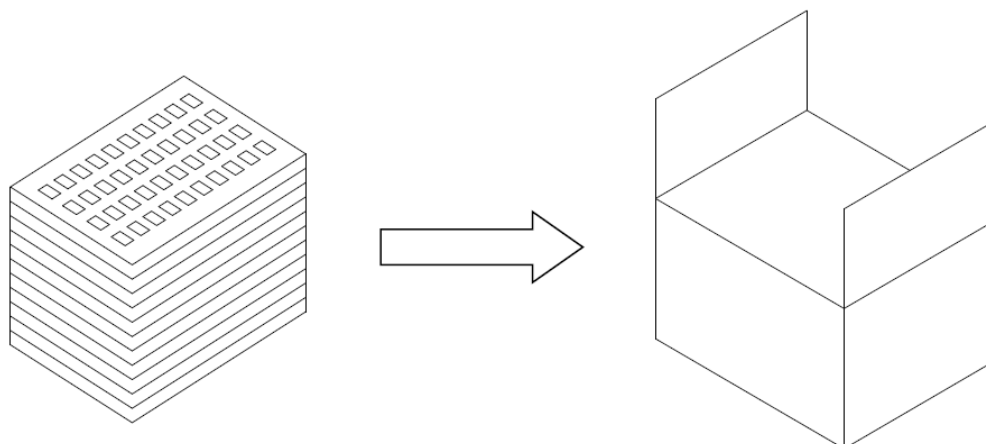
■ Winding Construction

Order	S – F	Wire Size	Turns	Notes
N1	1 – 2	1UEWF-NY Φ0.4×1P	27.5 REF	Split winding
N2	4 – 3	1UEWF-NY Φ0.4×1P	27.5 REF	Split winding

■ Reliability

No.	Item	Material	Vendor	Rating	UL File
1	CORE	T13×8×6C LTH15 Green coating	LITONG		
		T13×8×6C R15K Green coating	VAKOS		
2	WIRE	1UEWF+NY Φ0.4	PROSPERITY	155°C	E196072
		1UEWF+NY Φ0.4	PACIFIC	155°C	E201757
3	VARNISH	DA-700-6	QIANG DA	130°C	E347463
4	SOLDER	SN99.9	YUNNAN TIN	N/A	
5	EPOXY	BSA-6201AB Black	FUFAN		
6	PCB SPACER	FR-1	KINGBOARD	130°C	E123995

■ Packaging



No.	Packaging Materials	Reference Dimension	Material	Quantity
1	Box(T003)	265×180×15(mm)	PET	70PCS/Box
2	Master Carton	315×210×135(mm)	K36K	10Box/Carton