

THT Common Mode Filter

UU Series

 FEATURES

- Inductance is up to 50mH
- 1500Vrms isolation between windings
- Wide range of inductance and current available


 APPLICATIONS

- Switching mode power supply

 SPECIFICATIONS

Series	Inductance @1kHz (mH Min.)	D.C.R. (Ω Max.)	I _{rated} (A) ²
UU9.8	0.47	0.150	1.0
	0.68	0.250	0.9
	1.00	0.350	0.7
	2.20	0.700	0.5
	4.70	1.600	0.3
	6.80	2.500	0.3
	10.00	4.000	0.2
UU10.5	3.30	0.720	0.7
	6.80	1.260	0.4
	12.00	2.200	0.3
	22.00	3.640	0.3
	33.00	5.740	0.2
	50.00	9.200	0.2
UU16	1.50	0.130	1.9
	4.00	0.270	1.2
	8.00	0.460	0.9
	20.00	1.600	0.5
	30.00	2.500	0.4

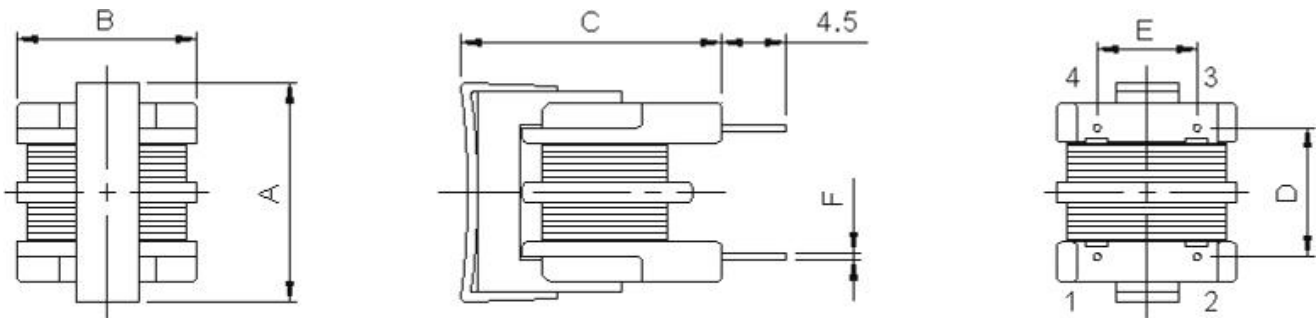
1. Operating Temperature: -40°C ~ +120°C (Includes temperature when the coil is heated)

2. I_{rated}: DC current which causes the coil temperature rise 40°C (T_a=20°C)

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 MECHANICAL



Unit: mm

Series	A (Max.)	B (Max.)	C (Nom.)	D (Max.)	E (Nom.)	F (Nom.)
UU9.8	18.0	12.0	17.0	8.0	7.0	Φ0.6
UU10.5	19.0	18.0	24.0	13.0	10.0	Φ0.7
UU16	24.0	21.0	29.0	13.0	10.0	Φ0.7

 SCHEMATIC

