LACOON Components

THT Common Mode Filter

ET Series – Vertical

-ିଙ୍କୁ- FEATURES

- Inductance is up to 80mH
- 1500Vrms isolation between windings
- Wide range of inductance and current available

Inductance @1kHz

-`ģ[:] APPLICATIONS

- Switching mode power supply

ିର୍ଦ୍ଦୁ- SPECIFICATIONS

Series

	(Ω Max.)		
3.3	0.110	2.3	
6.8	0.170	1.7	
8.2	0.180	1.6	
15.0	0.390	1.0	
20.0	0.400	1.0	
39.0	1.000	0.7	
47.0	1.000	0.7	
68.0	2.000	0.5	
80.0	2.100	0.4	
1.8	0.080	2.5	
6.8	0.230	1.6	
12.0	0.380	1.2	
22.0	0.650	1.0	
39.0	1.450	0.7	
68.0	1.850	0.6	
80.0	2.200	0.4	
5.0	0.060	6.0	
10.0	0.120	3.0	
39.0	0.350	2.2	
47.0	0.500	1.6	
80.0	0.700	1.2	
	6.8 8.2 15.0 20.0 39.0 47.0 68.0 80.0 1.8 6.8 12.0 22.0 39.0 68.0 10.0 39.0 47.0	3.30.1106.80.1708.20.18015.00.39020.00.40039.01.00047.01.00068.02.00080.02.1001.80.0806.80.23012.00.38022.00.65039.01.45068.01.85039.00.06010.00.12039.00.35047.00.500	

D.C.R.

1. Operating Temperature: -40 $^\circ\!\mathrm{C}$ ~+120 $^\circ\!\mathrm{C}$ (Includes temperature when the coil is heated)

2. Irated: DC current which causes the coil temperature rise 40 $^\circ C$ (Ta=20 $^\circ C$)

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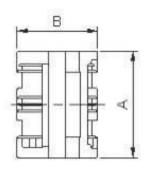


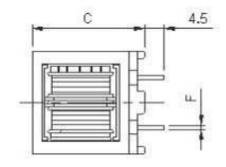
Irated (A)²

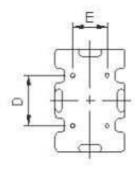
THT Common Mode Filter

ET Series – Vertical

ିର୍ଚ୍ଚ୍ MECHANICAL







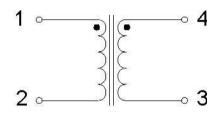
A.

Unit: mm

Series	A (Max.)	B (Max.)	C (Nom.)	D (Max.)	E (Nom.)	F (Nom.)
ET24	26.0	19.0	32.0	13.0	10.0	Ф0.8
ET28	31.0	23.0	37.0	13.0	10.0	Ф0.8
ET35	38.0	27.0	44.0	21.0	15.0	Φ1.2

- SCHEMATIC

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