

Common Mode Line Filter

ALFT-04



RoHS/RoHS II compliant



16.30 x 30.48 x 31.80mm

FEATURES:

- Presents High Common Mode Impedance
- Enables significant noise suppression at high frequency

APPLICATIONS:

- Filtering common mode noise in USB, IEEE1394, LVDS, Digital Camera, Scanner.
- Digital audio and video equipments such as PDA, DSC, DVC, DVD Player.

ELECTRICAL SPECIFICATIONS:

Operating Temperature
-25°C to +85°C

Storage Temperature
-25°C to +85°C

Part Number	L (mH) ± 20%	DCR Max (mΩ)	I _{rate} Max (A)	Max. Lead Diameter (±0.005")
ALFT-04-1	0.24	5.0	6.0	0.0511
ALFT-04-2	0.35	6.0	6.0	0.0511
ALFT-04-3	0.50	7.0	6.0	0.0511
ALFT-04-4	1.00	10.0	4.0	0.0405
ALFT-04-5	2.00	13.0	4.0	0.0405
ALFT-04-6	3.00	16.0	3.7	0.0405
ALFT-04-7	4.50	20.0	3.7	0.0405
ALFT-04-8	7.00	30.0	3.5	0.0405
ALFT-04-9	10.00	40.0	3.0	0.0405
ALFT-04-10	0.12	4.5	6.0	0.0511

Turns Ratio: 1:1 ± 2%

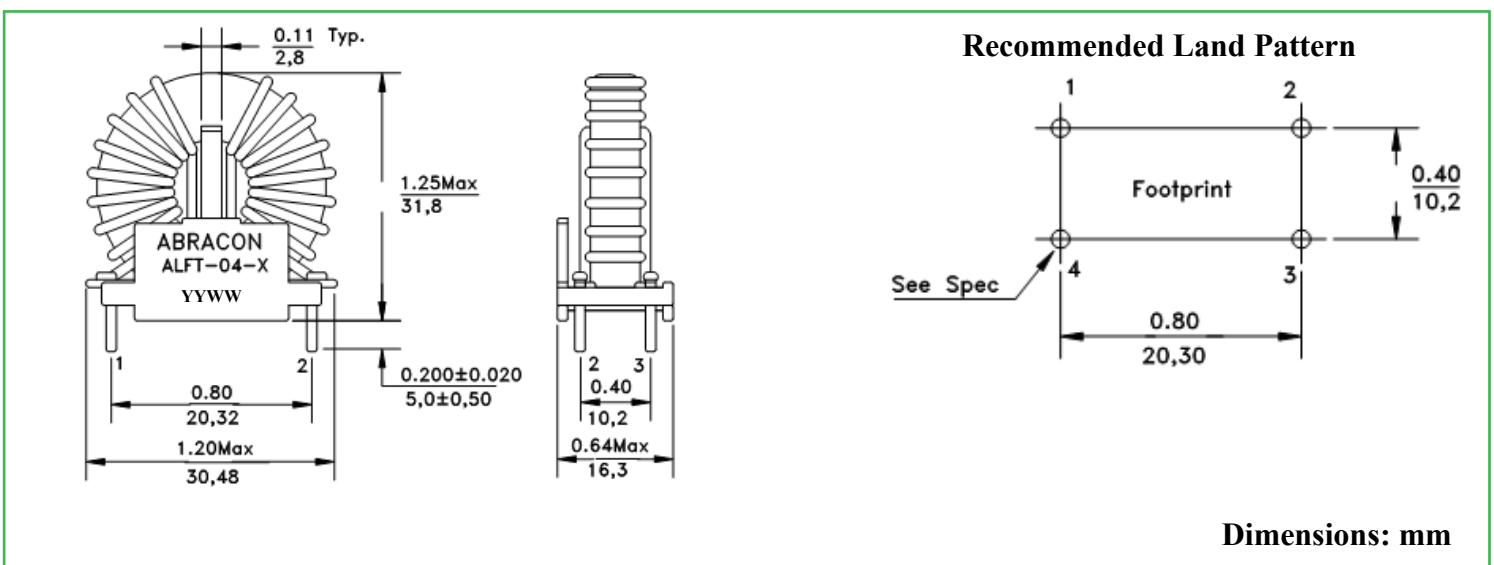
Hipot: 2000V_{RMS}

I_{rate}: Based on temperature rise (ΔT: 40°C max)

Test Conditions

Test Freq for L: 1KHz, 0.1Vrms

OUTLINE DRAWING:

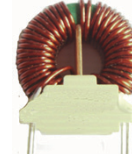


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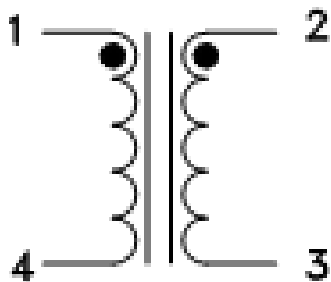


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MATERIALS

Part Name	UL file Number	Supplier
Magnet Wire	E234565	Dezgou Feilong Electrical Material Co.
Epoxy	E218090	DONGGUAN CITY HUMEN EATTO INSULATION MATERIAL FACTORY
Epoxy	E105888	SHAW HUOW ENTERPRISE CO LTD
Base	E59481(S)	CHANG CHUN PLASTICS CO. LTD

SCHEMATICS



Packing 100pcs/Box