

Common Mode Line Filter

ALFT-09V



RoHS/RoHS II Compliant



16.5 x 11.5 x 17.0mm

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:

Part Number ALFT-09V-Inductance Code	L (mH) min.	DCR Max (Ω)	I_r (A_{rms})
ALFT-09V-501	0.5	0.2	1.4
ALFT-09V-102	1.0	0.4	1.0
ALFT-09V-202	2.0	0.8	0.7
ALFT-09V-502	5.0	1.6	0.5
ALFT-09V-802	8.0	2.5	0.4
ALFT-09V-103	10.0	3.6	0.3

Test Conditions

Hipot: 1500V_{RMS}/60Hz/3mA/3sec

I_r: Based on temperature rise at 40°C max

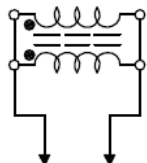
Operating Temperature

-40°C to +125°C

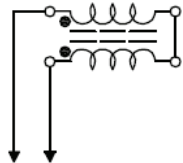
Storage Temperature

-40°C to +125°C

Common Mode
Measuring circuit :

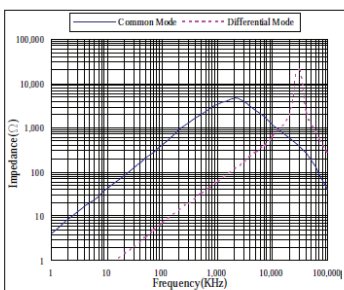


Differential Mode
Measuring circuit :

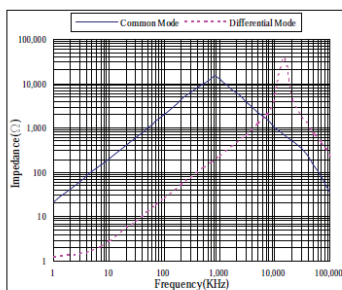


ELECTRICAL CHARACTERISTICS:

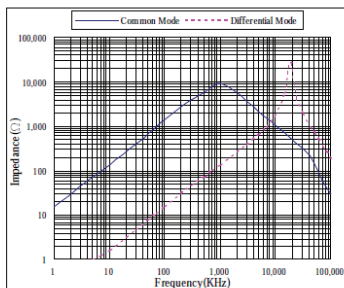
ALFT-09V-501



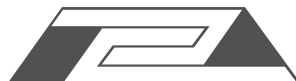
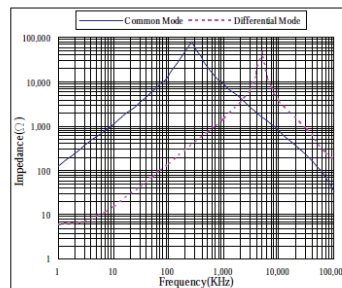
ALFT-09V-202



ALFT-09V-102



ALFT-09V-103



Common Mode Line Filter

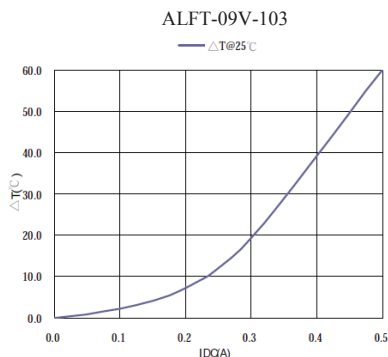
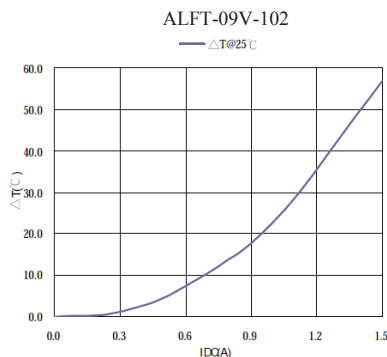
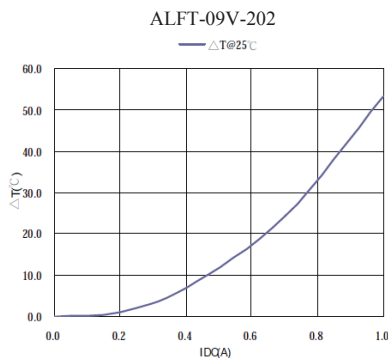
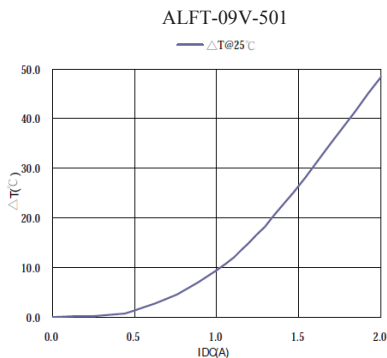


16.5 x 11.5 x 17.0mm

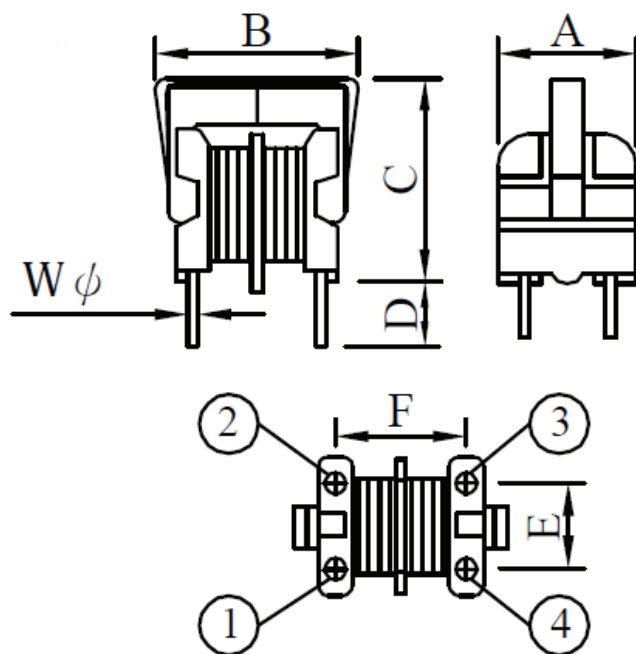
ALFT-09V



RoHS/RoHS II Compliant



OUTLINE DRAWING:



A	B	C	D	E	F	WΦ
11.5 max	16.5 max	17.0 max	5.0 ±1.0	7.0 ±0.5	8.0 ±0.5	0.6 ±0.05

Dimensions: mm

ABRACON IS
ISO 9001:2008
CERTIFIED



ABRACON
CORPORATION

Visit www.abracon.com for Terms & Conditions of Sale
30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

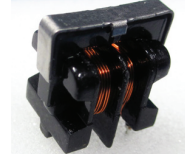
Revised: 01.02.14

Common Mode Line Filter

ALFT-09V

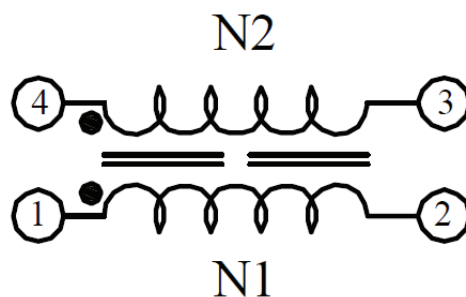


RoHS/RoHS II Compliant



16.5 x 11.5 x 17.0mm

SCHEMATICS



Packing 288pcs/Box

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

ABRACON IS
ISO 9001:2008
CERTIFIED



ABRACON
CORPORATION

Visit www.abracon.com for Terms & Conditions of Sale
30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

Revised: 01.02.14

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Common Mode Chokes / Filters](#) category:

Click to view products by [ABRACON](#) manufacturer:

Other Similar products are found below :

[74279408](#) [PE-62911NL](#) [PE-64683](#) [ST6118T-R](#) [T8114NLT](#) [RD5122-10-6M0](#) [TCM0806G-350-2P-T](#) [TCM0806G-650-2P-T](#) [IND-0110](#)
[UAL21V07012500](#) [UAL21VR0802000](#) [UAL24VR06500CH](#) [UALSC023000000](#) [UALSC1020JH000](#) [UALSC1520JH000](#)
[UALSU10VR20010](#) [UALSU16VD30030](#) [UALSU16VD40010](#) [UALSU9H0305000](#) [UALSU9HF060300](#) [UALSU9VD070100](#) [36-00037](#)
[5701610000](#) [UALW21HS072450](#) [UALSU9VD070400](#) [UALSU9HF050500](#) [UALSU9H0208000](#) [UALSCF25081300](#) [UAL24VK06450CH](#)
[PLT10HH501100PNB](#) [PLT10HH401100PNB](#) [PLT10HH1026R0PNB](#) [PE-67531](#) [EXC-X4CH120X](#) [TLH10UB 113 0R5](#) [2752041447](#)
[2752045447](#) [CMS3-11-R](#) [7351V](#) [CMF16-153131](#) [744252510](#) [T8116NLT](#) [FE2X10-4-2NL](#) [744253200](#) [744253101](#) [744252220](#) [TX8111NLT](#)
[UAL30VR3500470](#) [CTX01-19077-R](#) [T8003NLT](#)