



PRELIMINARY

Common Mode Filter – DA2282-AL

This Coilcraft filter is designed to eliminate virtually all common mode noise over a wide frequency range. Its low DC resistance and excellent current handling capability makes it perfect for CAN bus applications.

The low profile design and standard 1812 footprint make it the ideal solution for designs where board space is at a premium.

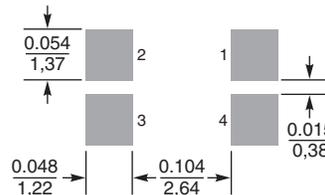
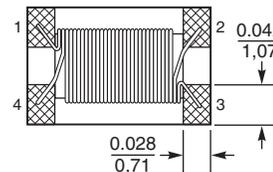
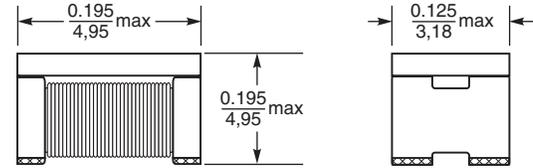
Part number ¹	Inductance ² ±30% (µH)	DCR ³ (Ohms)	I _{rms} ⁴ (mA)
DA2282-AL_	100	1.10	175

1. When ordering, please specify **packaging** code:

DA2282-ALC

- Packaging:** **C** = 7" machine-ready reel. EIA-481 embossed plastic tape (600 parts per full reel).
B = Less than full reel. In tape, but not machine ready. To have a leader and trailer added (\$25 charge), use code letter C instead.
D = 13" machine-ready reel. EIA-481 embossed plastic tape (2200 parts per full reel).

- Inductance is per winding, measured at 100 kHz using an Agilent/HP 4286A impedance analyzer and a Coilcraft CCF 1113 fixture.
- DCR is specified per winding, measured at on a Keithley 580 micro-ohmmeter and a Coilcraft CCF 888 fixture
- Average current per winding for a 15°C rise from 25°C ambient.
- Operating temperature range -40°C to 85°C.
- Electrical specifications at 25°C.

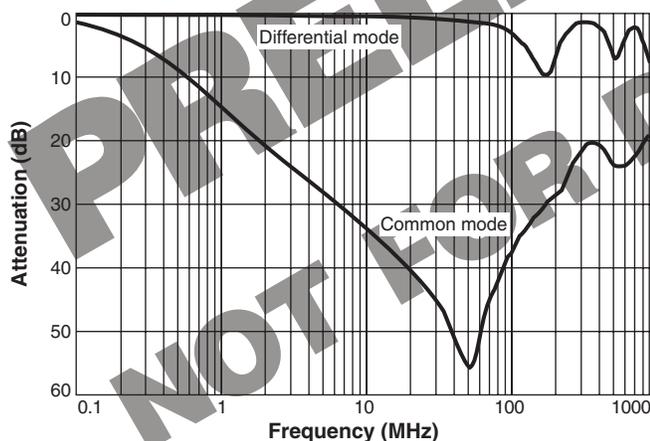


Recommended Land Pattern

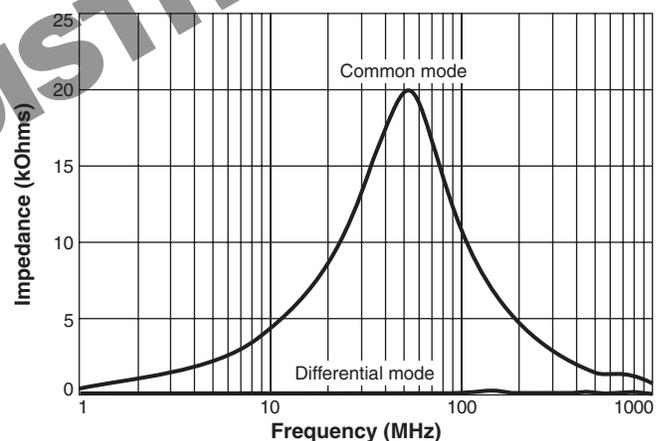
Terminations: Silver-palladium-platinum-glass frit
Weight: 415 mg
Tape and reel: 600/7" reel, 2200/13" reel 12 mm tape width
 For packaging data see Tape and Reel Specifications section.



Typical Attenuation



Typical Impedance vs Frequency



Coilcraft®

Specifications subject to change without notice.
 Please check our website for latest information.

Document 542 Revised 05/18/06

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