

Common Mode SMD Filter for Power Line

LCMF Series LCMF1211P2

Features:

- Designed for noise suppression at DC power lines.
- Low profile (H = 8.5mm).
- Small size.
- High rated current.
- Operating temperature: -40°C ~ 85°C.

Applications

- Power line equipment like DC-DC converters, battery chargers.
- Portable equipment like PDAs, laptops, printers.

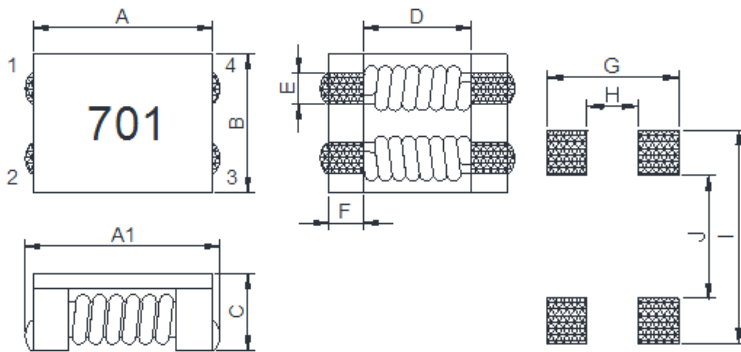
Product Identification

LCMF 1 2 1 1 P2 - 7 0 1 - 2S
1 2 3 4 5

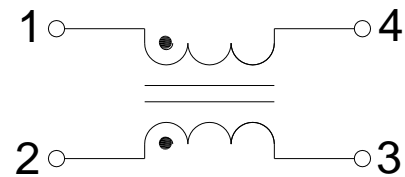
1. Series : LCMF= LinkCom Common Mode Filter
2. Dimension Code: 12.0mm x 10.8mm x 8.5mm
3. Shielding Type/Application P2=Power
4. Impedance Value 700Ω
5. Number of lines 2P=2-line

Dimension(mm)

(Units: $\frac{\text{mm}}{\text{Inches}}$, Unless otherwise specified, all tolerances are $\pm \frac{0.25}{[.010]}$)



Schematic



Mark

XXX---- Impedance

A	$\frac{12.00 \pm 0.50}{[.472 \pm .019]}$	F	$\frac{2.50 \text{ Typ}}{[.098 \text{ Typ}]}$
A1	$\frac{12.50 \pm 0.50}{[.492 \pm .019]}$	G	$\frac{8.50 \text{ Typ}}{[.335 \text{ Typ}]}$
B	$\frac{10.80 \pm 0.50}{[.425 \pm .019]}$	H	$\frac{2.0 \text{ Typ}}{[.079 \text{ Typ}]}$
C	$\frac{8.50 \text{ MAX}}{[.335 \text{ MAX}]}$	I	$\frac{12.50 \text{ Typ}}{[.492 \text{ Typ}]}$
D	$\frac{7.0 \text{ Typ}}{[.276 \text{ Typ.]}}$	J	$\frac{6.50 \text{ Typ}}{[.256 \text{ Typ}]}$
E	$\frac{2.70 \text{ Typ}}{[.106 \text{ Typ}]}$		

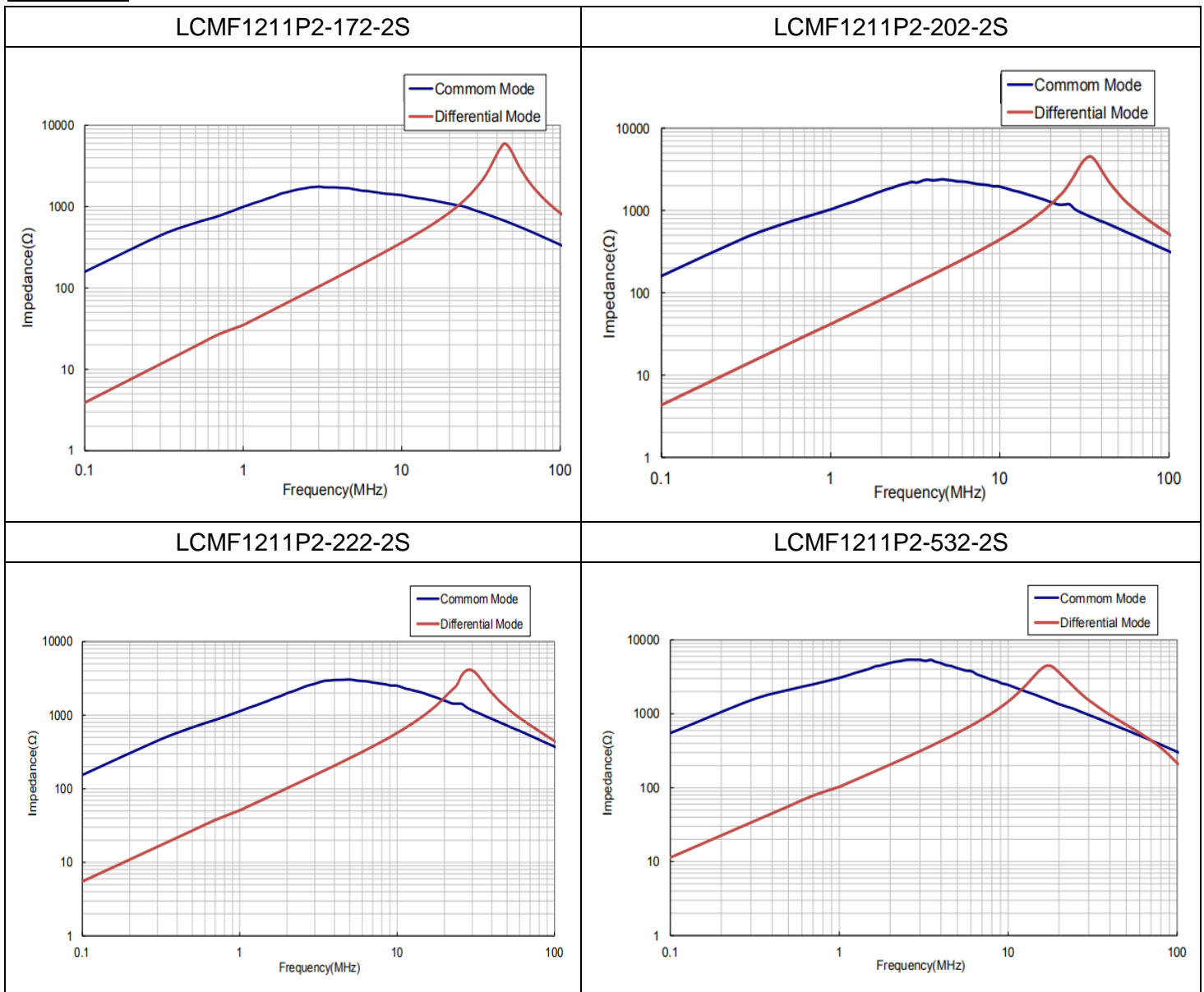
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Electrical Characteristics

Part Number	Z(Ω) at 100MHz		D.C. Resistance (m Ω) Max.	Rated Current (A) Max.	Rated Voltage Vdc (V)	Insulation Resistance (M Ω) Min.	Mark
	Min.	Typ.					
LCMF1211P2-172-2S	1100	1700	26.0	5.5	125	10	172
LCMF1211P2-202-2S	1300	2000	33.0	4.5	125	10	202
LCMF1211P2-222-2S	1400	2200	43.0	4.0	125	10	222
LCMF1211P2-532-2S	3700	5300	109.0	2.5	125	10	532
LCMF1211P2-782-2S	5400	7800	182.0	2.0	125	10	782

Impedance



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