

Common Mode SMD Filter for Power Line

LCMF Series LCMF1211P1

Features:

- Designed for noise suppression at DC power lines.
- Low profile (H = 6.4mm).
- Small size.
- High rated current.
- Operating temperature: -40°C ~ 85°C.

Applications:

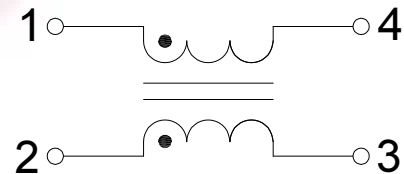
- Power line equipment like DC-DC converters, battery chargers.
- Portable equipment like PDAs, laptops, printers.

Product Identification:

LCMF 1211 P1 - 800 - 2P
1 2 3 4 5

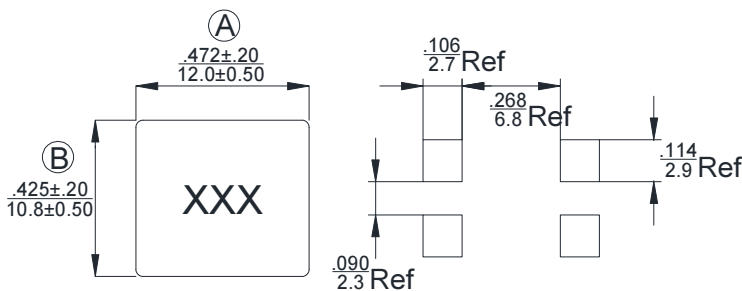
1. Series : LCMF= LinkCom Common Mode Filter
2. Dimension Code: 12.0mm x 10.8mm x 6.4mm
3. Shielding Type/Application P1=Power
4. Impedance Value 80Ω
5. Number of lines 2P=2-line

Schematic:



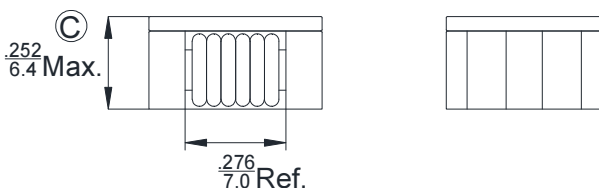
Dimension(mm):

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



TOP VIEW

SUGGESTED PAD LAYOUT



Mark

XXX---- Impedance

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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.					
LCMF1211P1-800-2P	80	230	2	10	125	10	800
LCMF1211P1-501-2P	300	500	5.5	8	125	10	501
LCMF1211P1-701-2P	500	700	6	8	125	10	701
LCMF1211P1-801-2P	600	800	8	8	125	10	801
LCMF1211P1-102-2P	750	1000	14	6	125	10	102
LCMF1211P1-222-2P	2200	2500	35	1.8	125	10	222
LCMF1211P1-272-2P	2300	2700	50	1.5	125	10	272