

Common Mode SMD Filter for Power Line

LCMF Series LCMF9070P1

Features:

- Designed for noise suppression at DC power lines.
- Low profile (H = 4.8mm).
- Small size.
- High rated current.
- Operating temperature: -40°C ~ 85°C.

Applications:

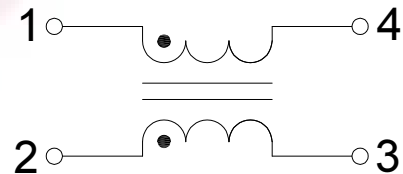
- Power line equipment like DC-DC converters, battery chargers.
- Portable equipment like PDAs, laptops, printers.

Product Identification:

LCMF 9070 P1 - 800 - 2P
1 2 3 4 5

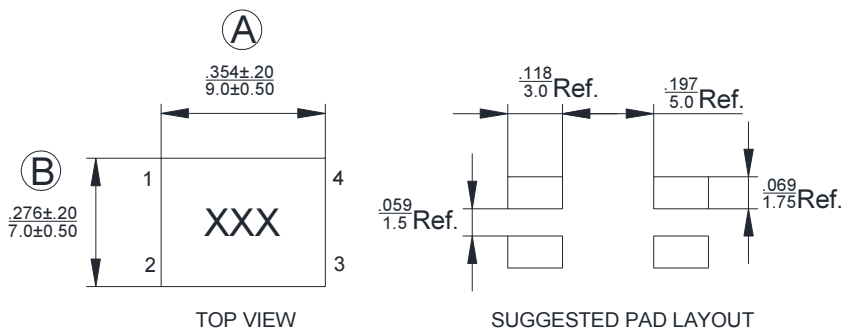
1. Series : LCMF= LinkCom Common Mode Filter
2. Dimension Code: 9.0mm x 7.0mm x 4.8mm
3. Shielding Type/Application P1=Power
4. Impedance Value 80Ω
5. Number of lines 2P=2-line

Schematic:



Dimension(mm):

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



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.					
LCMF9070P1-301-2P	225	300	6	6	50	10	301
LCMF9070P1-501-2P	450	600	8	5.5	50	10	501
LCMF9070P1-701-2P	500	700	10	5	50	10	701
LCMF9070P1-102-2P	750	1000	13	4	50	10	102
LCMF9070P1-222-2P	1700	2200	60	3	50	10	222
LCMF9070P1-272-2P	2000	2700	70	2.5	50	10	272
LCMF9070P1-302-2P	2500	3000	70	3	50	10	302