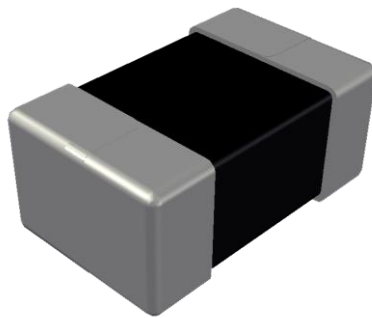


ABCO Chip Ferrite Inductor

LFMI201209-PP for Power Inductor Series



5448-4, Sangdaewon-dong, Jungwon-gu,
Seongnam-si, Gyeonggi-do, KOREA

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LFMI201209-PP Series



<http://www.abco.co.kr>

■ Features

High performance, low profile multilayer power inductors with superior DC superimposing characteristics and low DC resistance.

■ Applications

Small mobile devices such as smartphones, wifi module, lot module, SSD etc.

■ Ordering Code

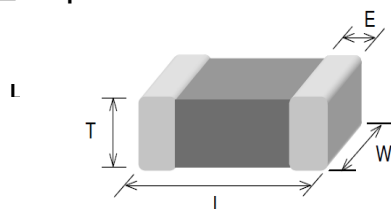
LFMI	201209	E	-	R47	M	-	PP
①	②	③		④	⑤		⑥
① Type		② Dimensions(mm)			③ Packing		
LFMI		201209 : 2.0(L) × 1.25(W) × 0.9(T)			E	Embossed Plastic Tape	
④ Inductance(uH)		⑤ Tolerance		⑥ Internal Code			
R47	0.47	M	±20%	PP			
2R2	2.2						

LFMI201209-PP Series



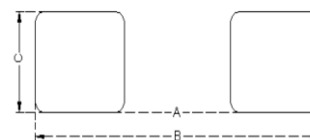
<http://www.abco.co.kr>

▣ Shapes and Dimensions



Series	L(mm)	W(mm)	T(mm)	E(mm)
LFMI201209-PP	2.00±0.20	1.25±0.20	0.90±0.10	0.50±0.30

▣ Recommended PC Board Pattern



A(mm)	B(mm)	C(mm)
1.0~1.2	3.0~4.0	0.8~1.1

▣ Electrical Characteristics

Part No.	Inductance	Test Freq.	SRF	DCR±25%	Rated Current
	(μ H)	(MHz)	(MHz)	(Ω)	(mA)
LFMI201209E-R47M-PP	0.47±20%	1	100	0.075	1,300
LFMI201209E-1R0M-PP	1.00±20%	1	50	0.100	900
LFMI201209E-2R2M-PP	2.20±20%	1	40	0.230	800
LFMI201209E-4R7M-PP	4.70±20%	1	40	0.230	800

1. Testing Instrument

- HP4291B RF IMPEDANCE / MATERIAL ANALYZER
- HP4338A/B MILLIOHMMETER

2. Operating temperature -40°C ~85°C

3. All test data is referenced to 25°C ambient. Test level 100mV