

Leadless Power Inductors P•F-L Series

Features

This is a magnetically shielded surface-mount type inductor in which a ferrite drum core with winding is connected with surface mount type external electrodes and combined with a ring core.

Applications

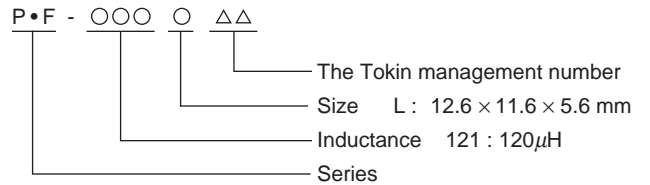
- D/D converters
- Transform chopper inductors



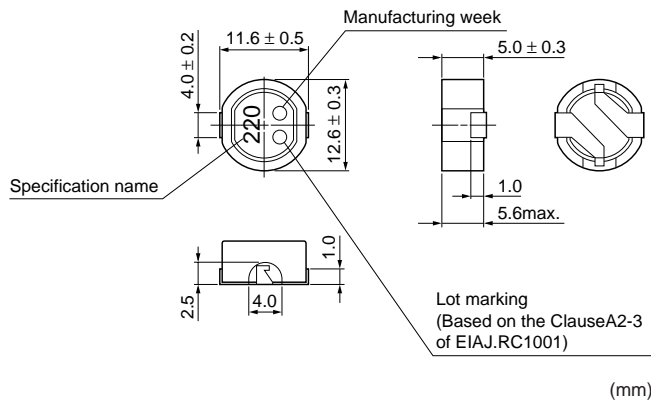
Specifications

Model	Inductance (μH)	DC resistance (Ω) max.	Rated current (A)
PF-100L	10 ± 20%	0.05	3.00
PF-120L	12 ± 20%	0.05	2.90
PF-150L	15 ± 20%	0.06	2.70
PF-180L	18 ± 20%	0.06	2.60
PF-220L	22 ± 20%, -15%	0.07	2.35
PF-330L	33 ± 20%, -15%	0.12	1.85
PF-470L	47 ± 20%, -15%	0.16	1.60
PF-680L	68 ± 20%, -15%	0.19	1.40
PF-820L	82 ± 20%, -15%	0.24	1.25
PF-101L	100 ± 20%, -15%	0.27	1.20
PF-121L	120 ± 20%, -15%	0.33	1.05
PF-151L	150 ± 20%, -15%	0.40	0.95
PF-221L	220 ± 20%, -15%	0.60	0.75
PF-331L	330 ± 20%, -15%	0.82	0.65
PF-471L	470 ± 20%, -15%	1.25	0.55

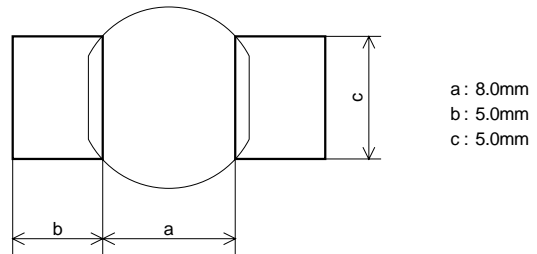
Markings



Shapes and Dimensions



Recommended Pattern



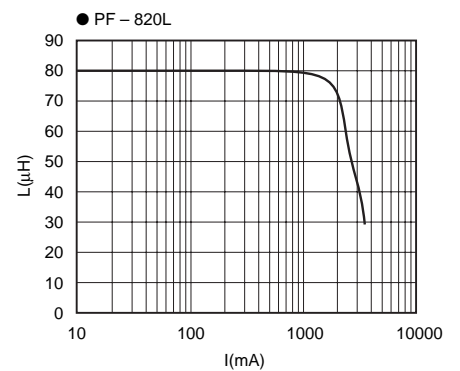
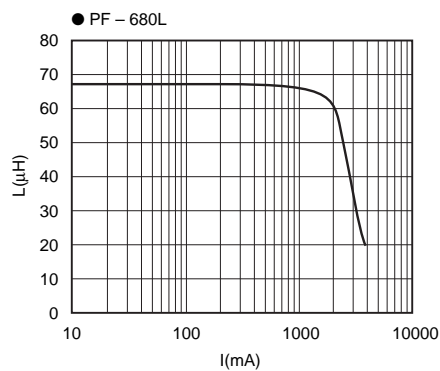
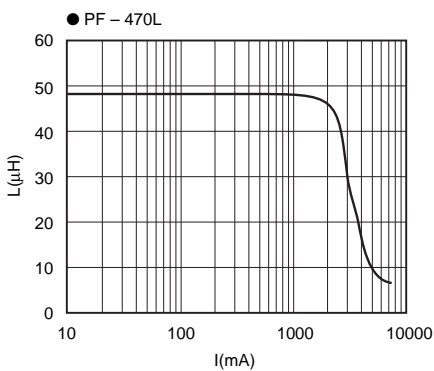
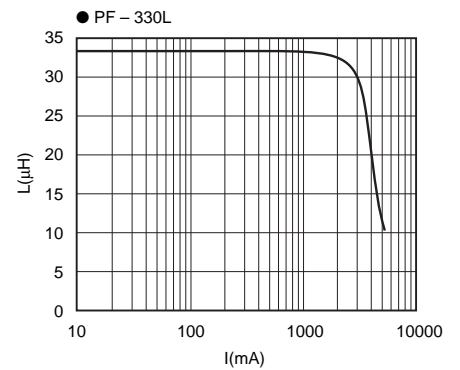
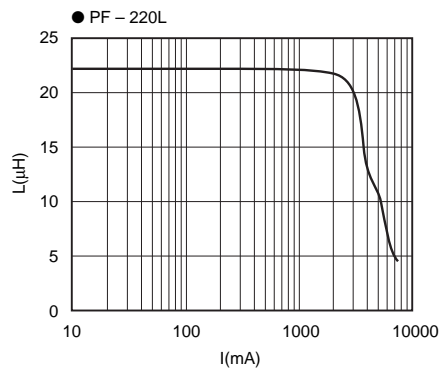
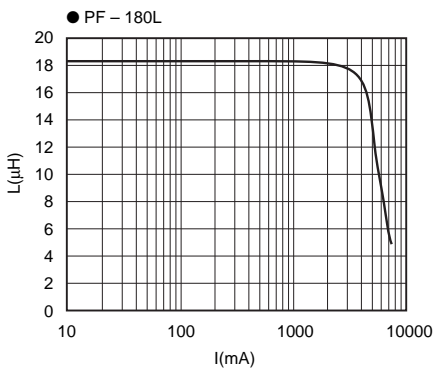
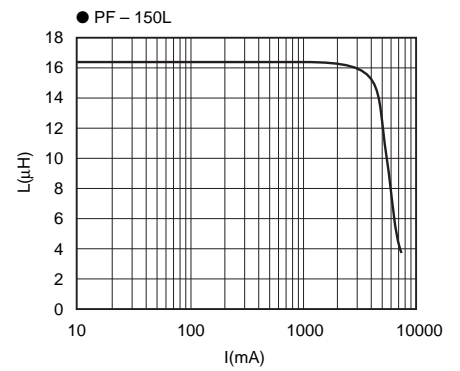
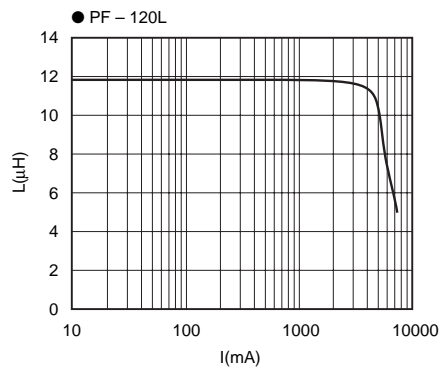
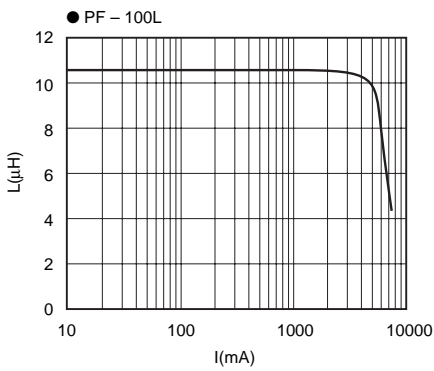
a : 8.0mm
b : 5.0mm
c : 5.0mm

SMD EMI filters

Note

- Operating temperature range -25~+80°C
- Storage temperature range -25~+85°C
- Tape and Reel Dimensions Please order by referring to page 30, 31 and 32.
- Cautions for use Refer to pages 33.
- Inductances whose specifications are other than above can be manufactured.

Typical example of DC-superposed Characteristics



SMD EMI filters

