

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

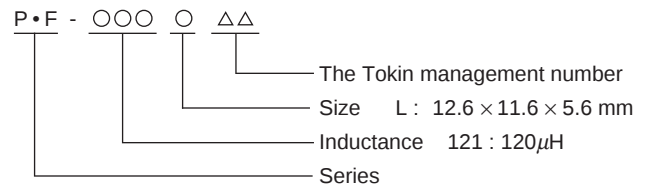
- D/D converters
- Transform chopper inductors

Specifications

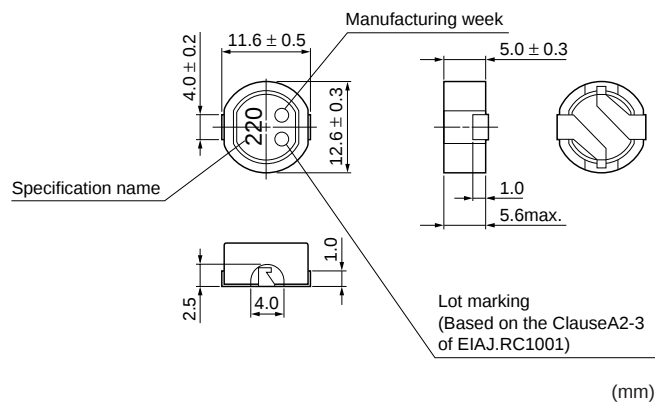
Model	Inductance (μ H)	DC resistance (Ω) max.	Rated current (A)
PF-100L	$10 \pm 20\%$	0.05	3.00
PF-120L	$12 \pm 20\%$	0.05	2.90
PF-150L	$15 \pm 20\%$	0.06	2.70
PF-180L	$18 \pm 20\%$	0.06	2.60
PF-220L	$22 \pm 20\%, -15\%$	0.07	2.35
PF-330L	$33 \pm 20\%, -15\%$	0.12	1.85
PF-470L	$47 \pm 20\%, -15\%$	0.16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



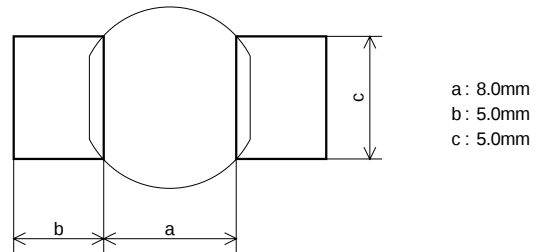
Markings



Shapes and Dimensions



Recommended Pattern



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

