

Leadless Power Inductors PLFC 1235P-A Series



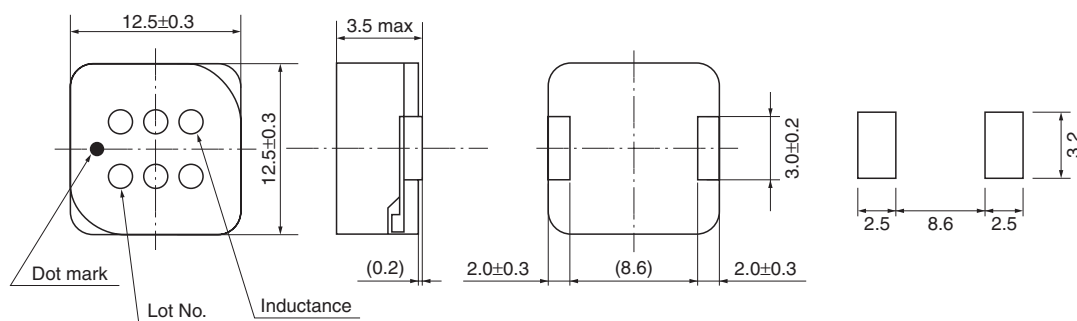
- Tape and Reel Dimensions (see page 98)
- Precautions (see page 102)

Model	Inductance L (μH) at 100kHz	DC resistance Rdc (mΩ) max.	Irms*1	Rated current (A)	
				Isat (Ref.)*2	
				at 20°C	at 100°C
PLFC1235P-3R3A	3.3±30%	19	6.0	9.6	7.1
PLFC1235P-4R7A	4.7±30%	27	5.4	8.5	6.5
PLFC1235P-5R6A	5.6±30%	35	4.5	7.7	6.0
PLFC1235P-6R8A	6.8±30%	39	4.3	6.7	5.1
PLFC1235P-8R2A	8.2±30%	53	3.6	6.2	4.6
PLFC1235P-100A	10.0±20%	58	3.5	6.0	4.5
PLFC1235P-120A	12.0±20%	65	3.2	5.9	4.4
PLFC1235P-150A	15.0±20%	77	3.1	5.4	4.0
PLFC1235P-180A	18.0±20%	120	2.2	4.8	3.3
PLFC1235P-220A	22.0±20%	140	2.1	4.3	3.0
PLFC1235P-330A	33.0±20%	170	1.8	3.3	2.5
PLFC1235P-470A	47.0±20%	210	1.7	2.8	2.0
PLFC1235P-560A	56.0±20%	245	1.6	2.7	1.9
PLFC1235P-680A	68.0±20%	275	1.5	2.3	1.7
PLFC1235P-820A	82.0±20%	310	1.4	1.9	1.5
PLFC1235P-101A	100.0±20%	431	1.2	1.8	1.4
PLFC1235P-121A	120.0±20%	457	1.1	1.7	1.3
PLFC1235P-151A	150.0±20%	587	1.0	1.6	1.2
PLFC1350P-181A	180.0±20%	726	0.9	1.3	1.0
PLFC1235P-221A	220.0±20%	793	0.8	1.1	0.9
PLFC1235P-331A	330.0±20%	1400	0.7	0.9	0.8
PLFC1235P-471A	470.0±20%	1800	0.6	0.8	0.6

1. 40°C rise typ. at Irms 2. Inductance drop 20% typ. at Isat

- Operating temperature range: -25 to +80°C (Without self-temperature rise)
- Storage temperature range: -25 to +85°C

Shape and Dimensions/Recommended Land Pattern



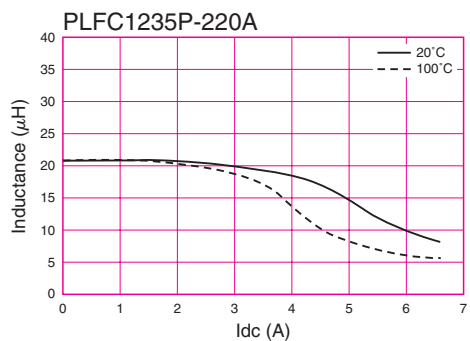
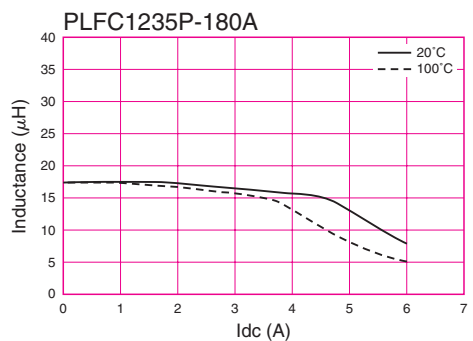
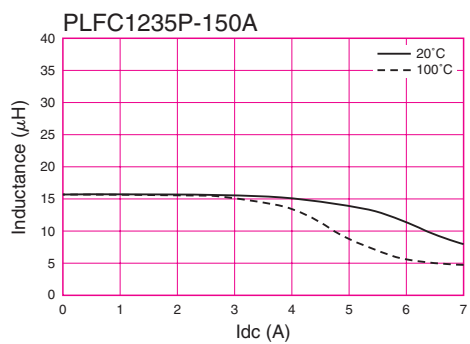
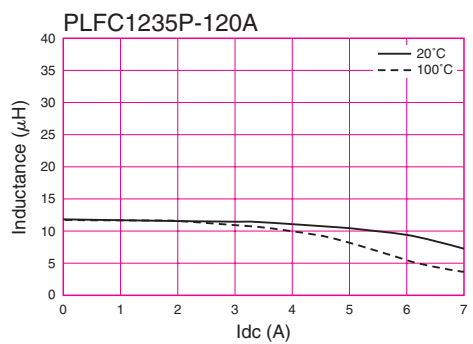
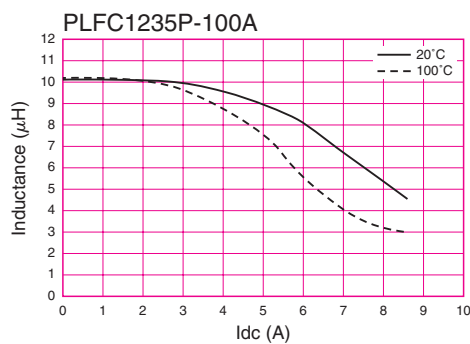
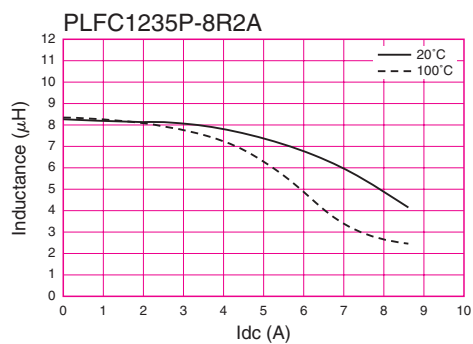
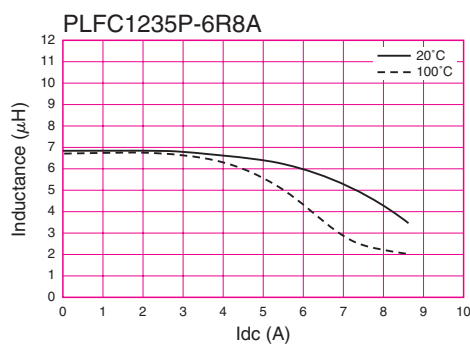
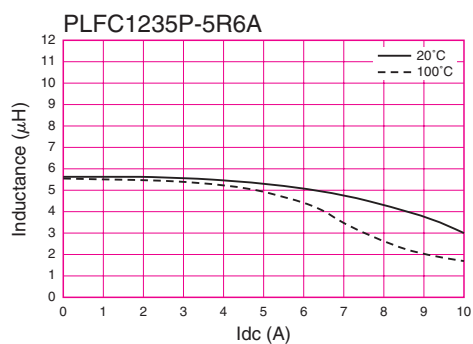
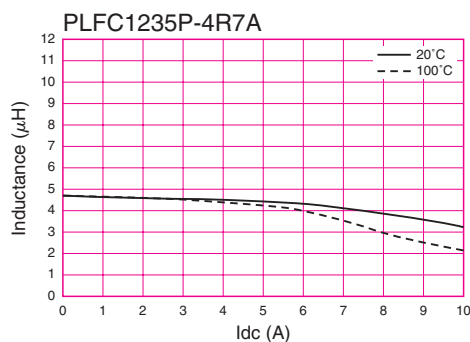
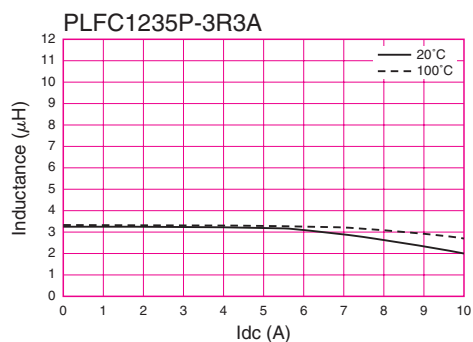
[mm]

Numbering System

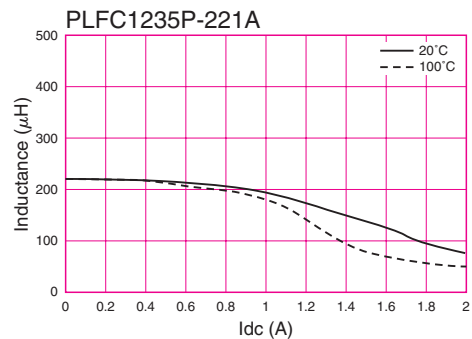
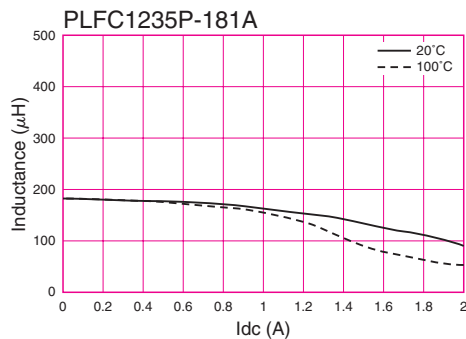
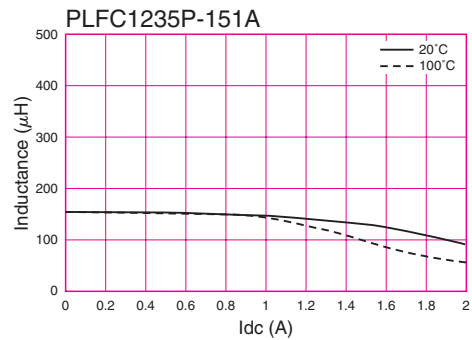
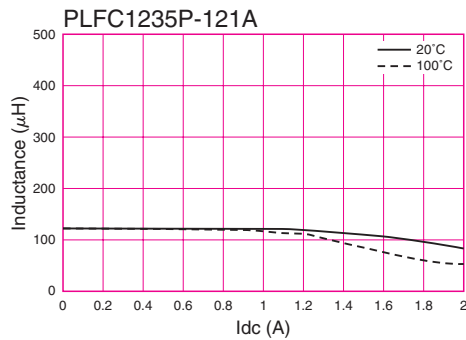
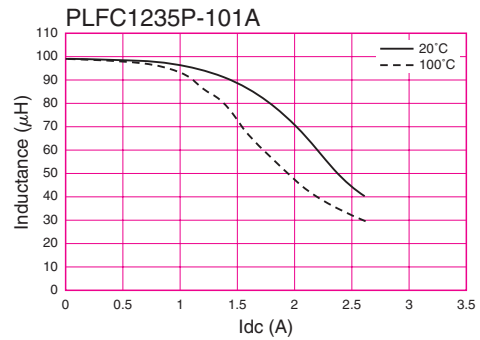
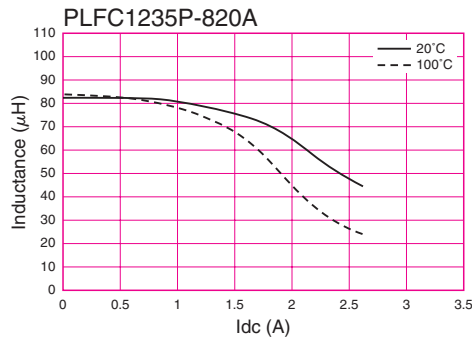
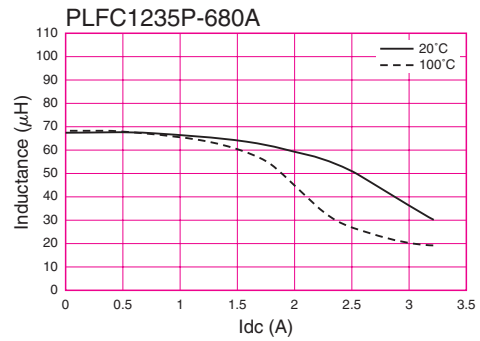
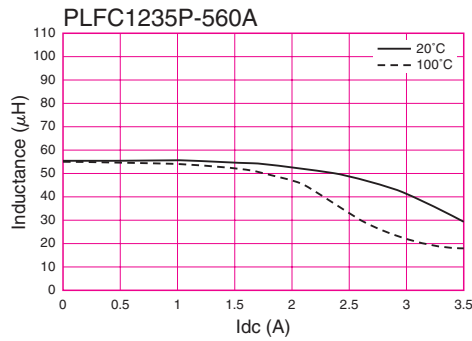
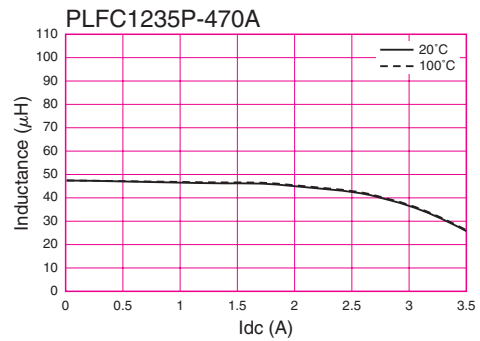
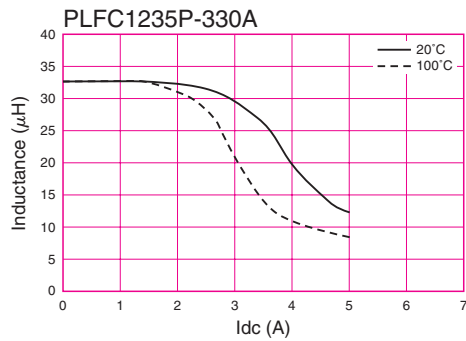
PLFC ○○○○ ○ - ○○○○ ○
① ② ③ ④ ⑤

- ① Series
- ② Dimensions : 1235 = 12.5mm×12.5mm×3.5mm
- ③ Structure : P = Pot + Rivet
- ④ Inductance
- ⑤ Core material

DC-Superposed Characteristics



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