

Leadless Power Inductors PLFC 0735P-A Series



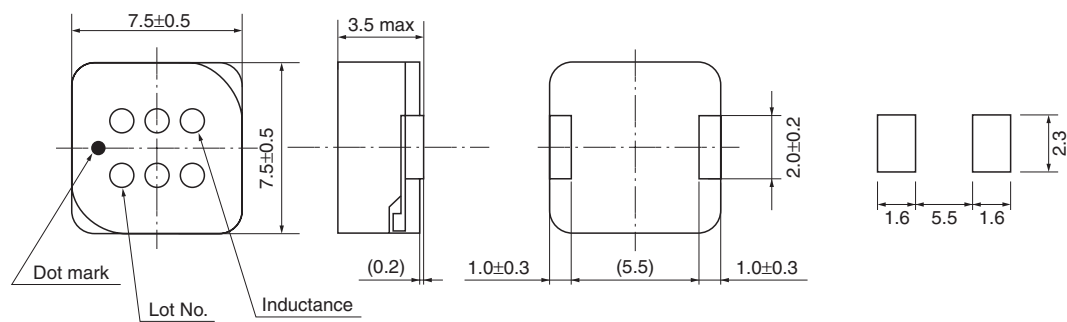
- Tape and Reel Dimensions (see page 98)
- Precautions (see page 102)

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
PLFC0735P-3R3A	3.3±30%	28	4.7	6.7	4.0
PLFC0735P-4R7A	4.7±30%	44	3.5	6.0	3.9
PLFC0735P-5R6A	5.6±30%	50	3.3	5.1	3.8
PLFC0735P-6R8A	6.8±30%	62	3.2	4.4	3.5
PLFC0735P-8R2A	8.2±30%	77	2.7	4.1	3.0
PLFC0735P-100A	10.0±20%	84	2.6	3.8	2.8
PLFC0735P-120A	12.0±20%	101	2.2	3.6	2.7
PLFC0735P-150A	15.0±20%	108	2.1	3.3	2.5
PLFC0735P-180A	18.0±20%	120	1.9	2.8	2.1
PLFC0735P-220A	22.0±20%	164	1.7	2.4	1.8
PLFC0735P-330A	33.0±20%	220	1.6	2.2	1.6
PLFC0735P-470A	47.0±20%	375	1.1	1.8	1.3
PLFC0735P-560A	56.0±20%	432	1.0	1.6	1.2
PLFC0735P-680A	68.0±20%	475	0.9	1.4	1.1
PLFC0735P-820A	82.0±20%	590	0.8	1.3	1.0
PLFC0735P-101A	100.0±20%	782	0.7	1.1	0.9
PLFC0735P-121A	120.0±20%	972	0.6	1.1	0.8
PLFC0735P-151A	150.0±20%	1500	0.5	0.9	0.7
PLFC0735P-181A	180.0±20%	1600	0.5	0.9	0.6
PLFC0735P-221A	220.0±20%	2000	0.45	0.8	0.55
PLFC0735P-331A	330.0±20%	3700	0.4	0.7	0.5
PLFC0735P-471A	470.0±20%	4300	0.3	0.6	0.4

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



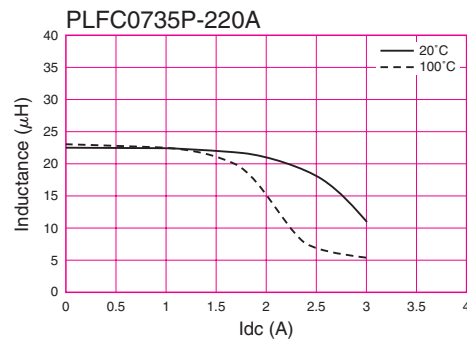
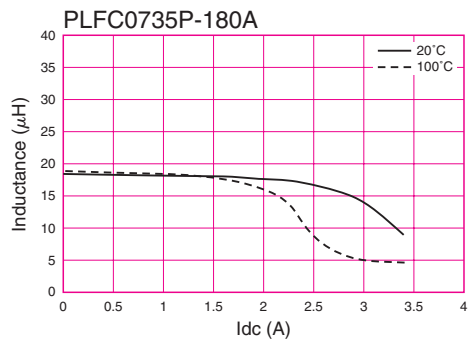
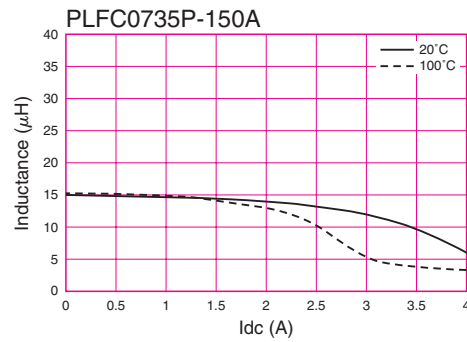
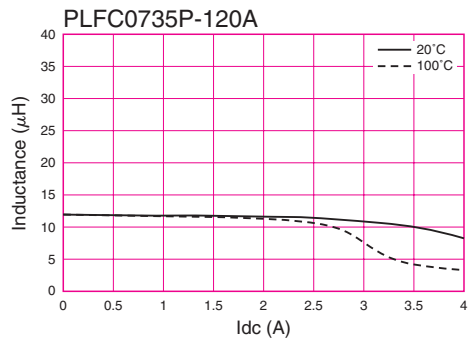
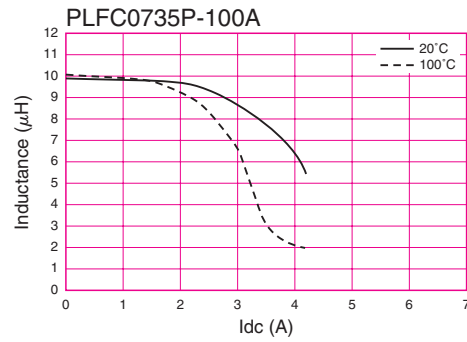
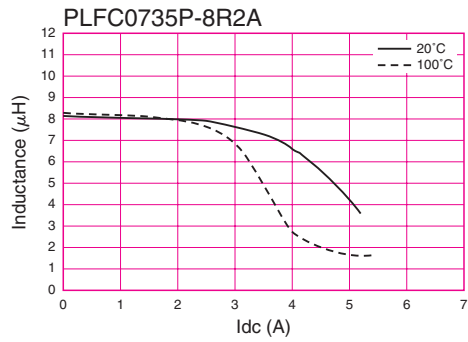
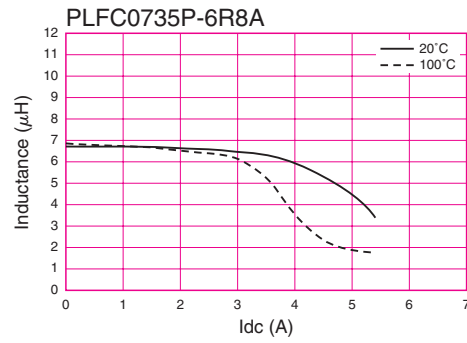
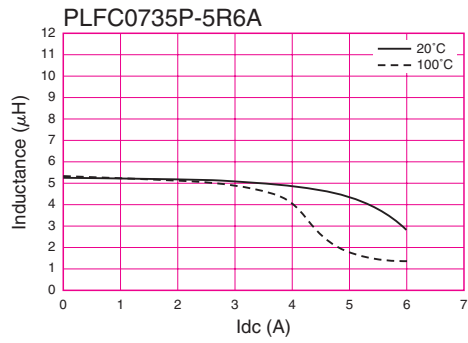
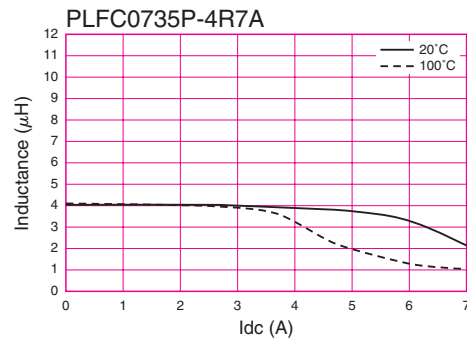
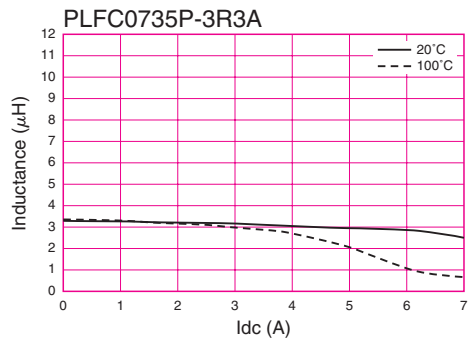
[mm]

Numbering System

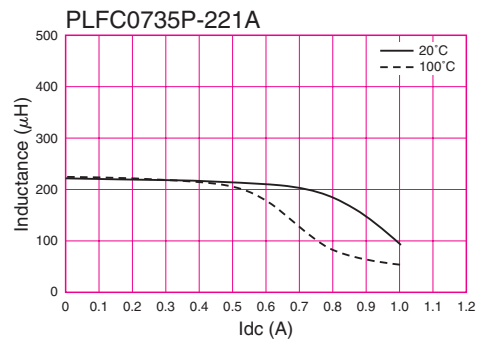
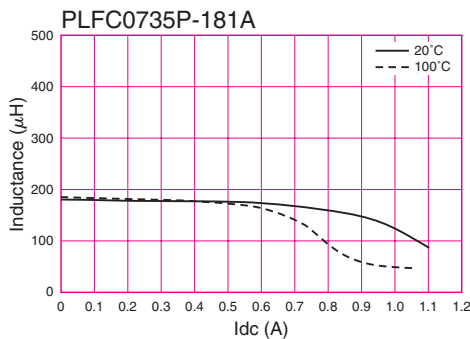
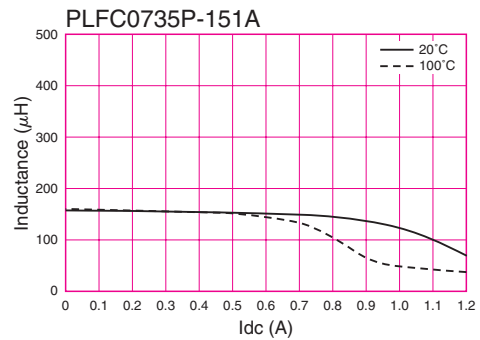
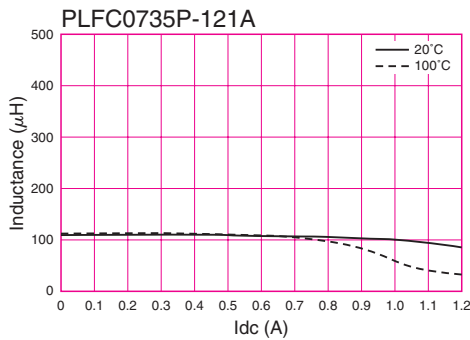
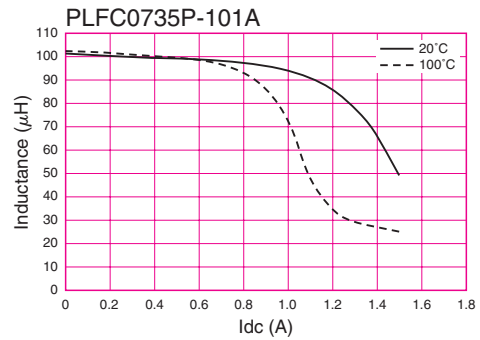
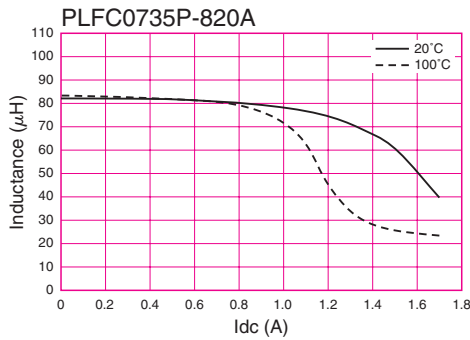
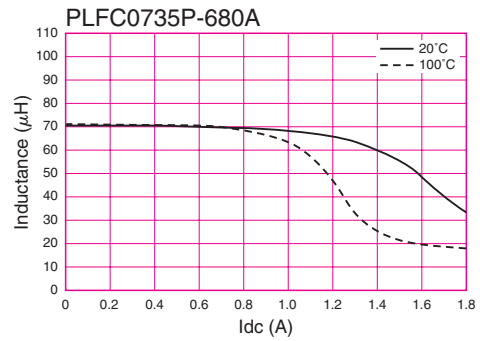
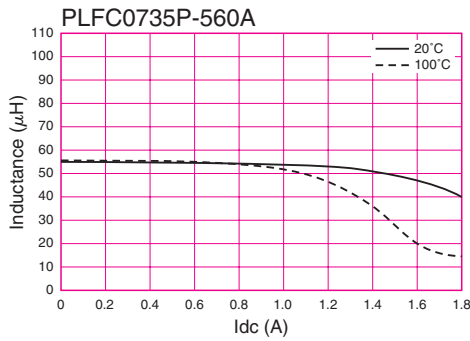
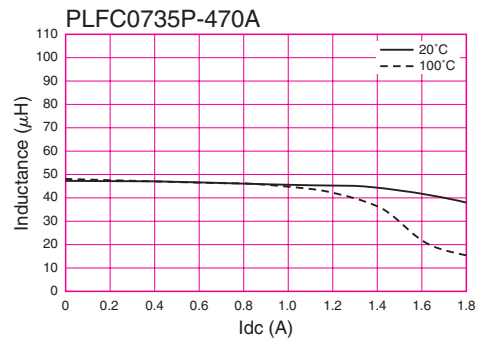
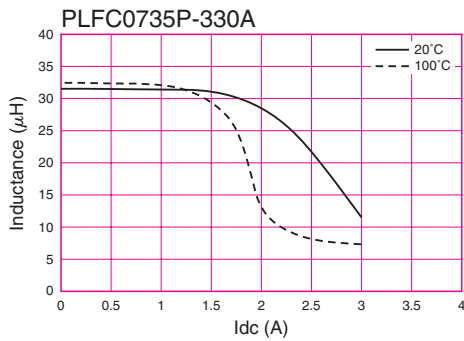
PLFC ○○○○ ○ - ○○○○ ○
① ② ③ ④ ⑤

- ① Series
- ② Dimensions : 0735 = 7.5mm×7.5mm×3.5mm
- ③ Structure : P = Pot + Rivet
- ④ Inductance
- ⑤ Core material

DC-Superposed Characteristics



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