

Leadless Power Inductors PLFC 1060P-A Series



2

SMD-Type Inductors and Choke Coils

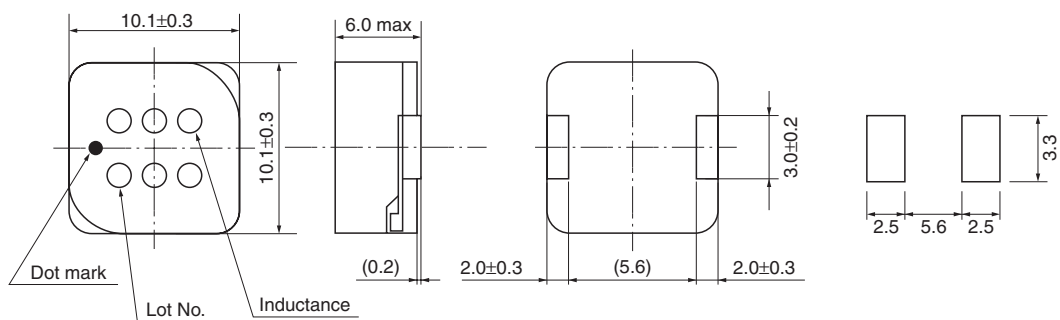
- Tape and Reel Dimensions (see page 98)
- Precautions (see page 102)

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
PLFC1060P-3R3A	3.3±30%	19	6.2	11.2	8.0
PLFC1060P-4R7A	4.7±30%	22	5.7	8.8	6.7
PLFC1060P-5R6A	5.6±30%	24	5.5	8.4	6.6
PLFC1060P-6R8A	6.8±30%	27	4.8	8.3	6.2
PLFC1060P-8R2A	8.2±30%	34	4.6	7.5	5.6
PLFC1060P-100A	10.0±20%	43	3.9	7.0	5.1
PLFC1060P-120A	12.0±20%	47	3.7	5.9	4.6
PLFC1060P-150A	15.0±20%	51	3.5	5.4	4.2
PLFC1060P-180A	18.0±20%	58	3.3	4.9	3.7
PLFC1060P-220A	22.0±20%	65	3.0	4.7	3.5
PLFC1060P-330A	33.0±20%	96	2.3	3.9	2.9
PLFC1060P-470A	47.0±20%	185	2.0	3.0	2.2
PLFC1060P-560A	56.0±20%	205	1.8	2.8	2.0
PLFC1060P-680A	68.0±20%	225	1.7	2.5	1.8
PLFC1060P-820A	82.0±20%	250	1.6	2.2	1.6
PLFC1060P-101A	100.0±20%	275	1.5	2.0	1.4
PLFC1060P-121A	120.0±20%	335	1.4	1.9	1.3
PLFC1060P-151A	150.0±20%	410	1.1	1.6	1.2
PLFC1060P-181A	180.0±20%	465	1.0	1.5	1.1
PLFC1060P-221A	220.0±20%	543	0.9	1.4	1.0
PLFC1060P-331A	330.0±20%	1300	0.7	1.1	0.8
PLFC1060P-471A	470.0±20%	1450	0.6	1.0	0.7

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



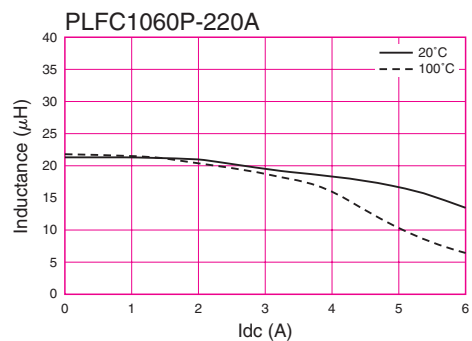
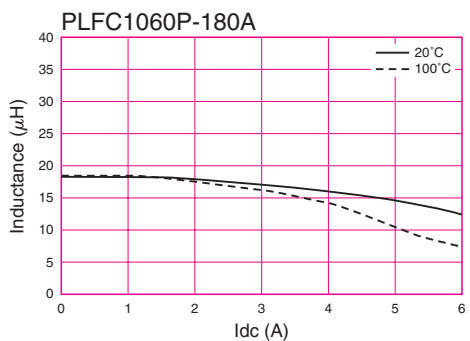
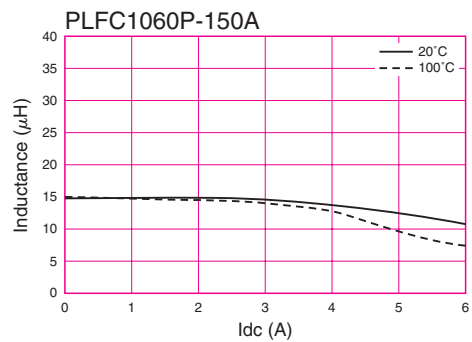
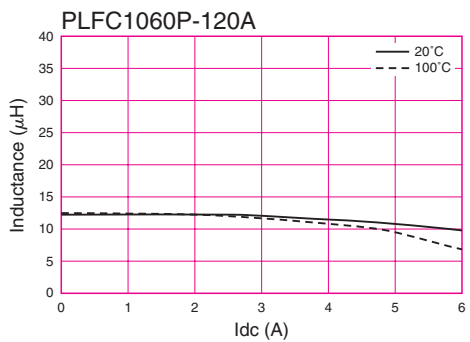
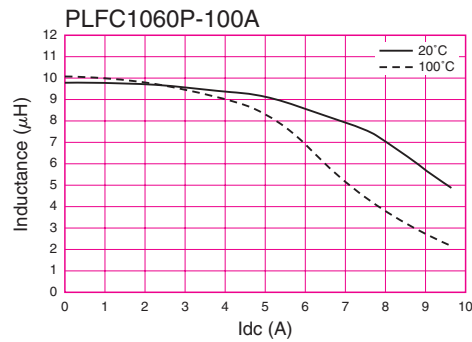
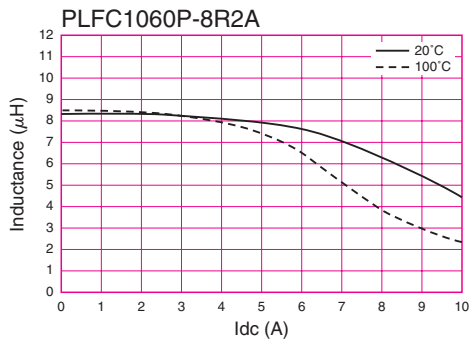
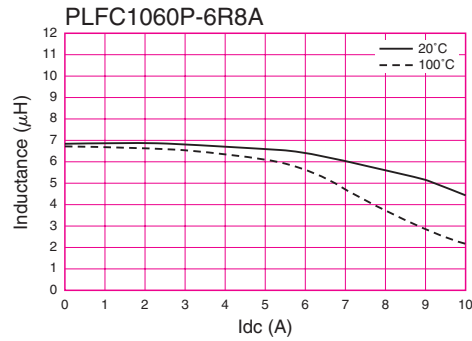
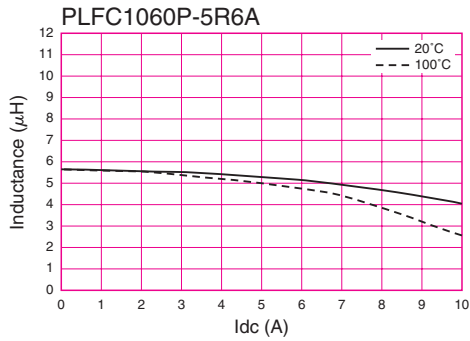
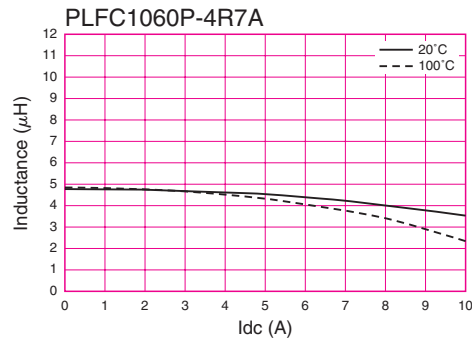
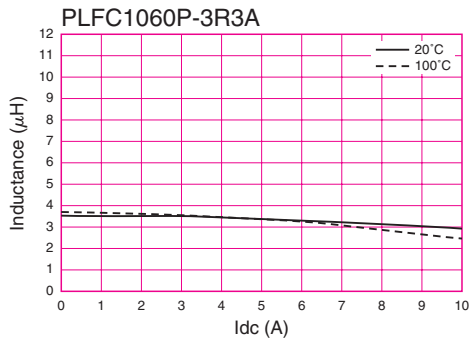
[mm]

Numbering System

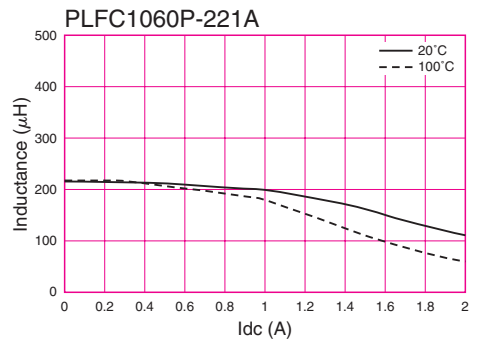
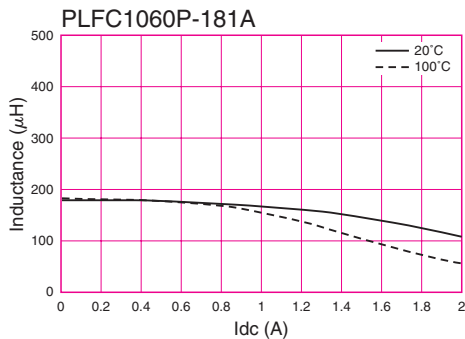
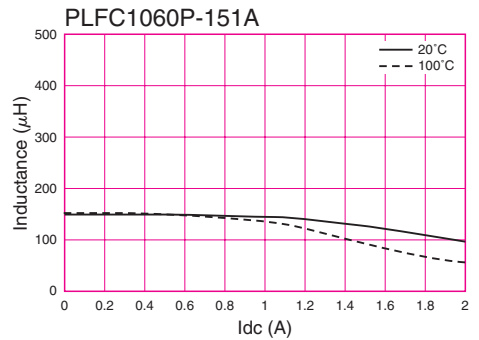
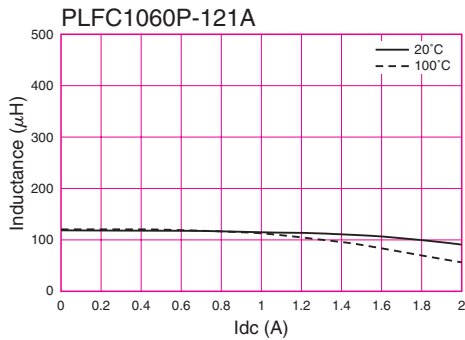
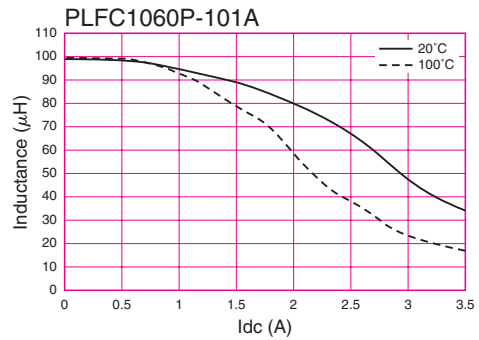
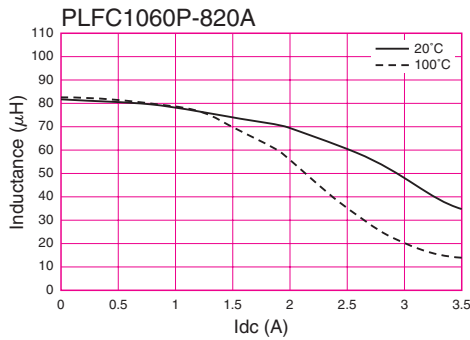
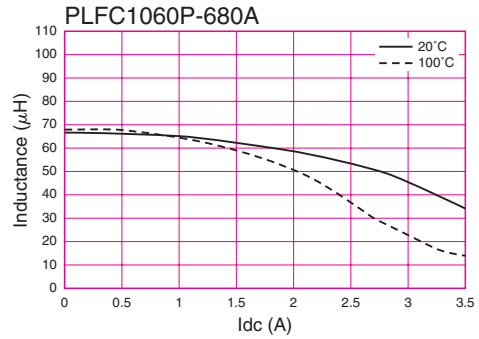
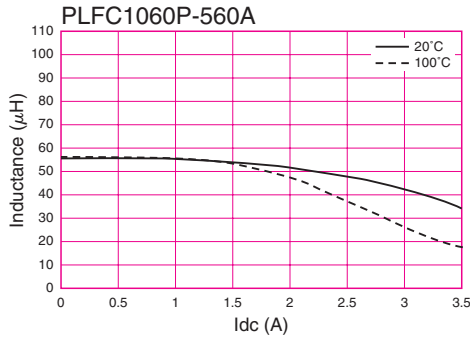
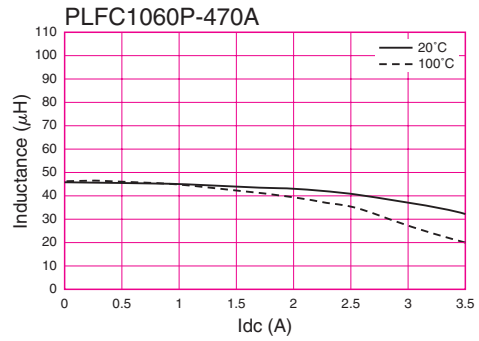
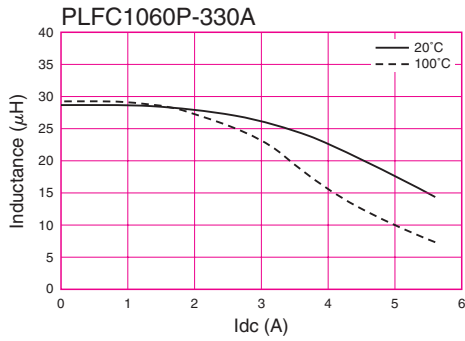


- ① Series
- ② Dimensions : 1060 = 10.1mm×10.1mm×6.0mm
- ③ Structure : P = Pot + Rivet
- ④ Inductance
- ⑤ Core material

DC-Superposed Characteristics



DC-Superposed Characteristics



DC-Superposed Characteristics

