

Leadless Power Inductors PLC-0735 Series

[RoHS Compliant]

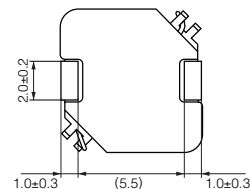
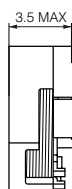
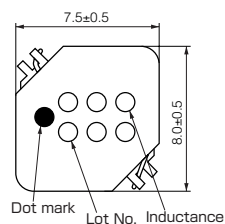


Model	Inductance at 100kHz, 1mA (μ H)	DC resistance RDC (m Ω) max.	Rated current (A)		
			I_{rms}^{*1}	I_{sat} (Ref.) ^{*2} at 20°C	I_{sat} (Ref.) ^{*2} at 100°C
PLC-0735-2R0	2.0 $\pm$ 30%	24	5.0	7.3	6.3
PLC-0735-3R3	3.3 $\pm$ 30%	28	4.7	6.7	4.0
PLC-0735-4R7	4.7 $\pm$ 30%	44	3.5	6.0	3.9
PLC-0735-5R6	5.6 $\pm$ 30%	50	3.3	5.1	3.8
PLC-0735-6R8	6.8 $\pm$ 30%	62	3.2	4.4	3.5
PLC-0735-8R2	8.2 $\pm$ 30%	77	2.7	4.1	3.0
PLC-0735-100	10.0 $\pm$ 20%	84	2.6	3.8	2.8
PLC-0735-120	12.0 $\pm$ 20%	101	2.2	3.6	2.7
PLC-0735-150	15.0 $\pm$ 20%	108	2.1	3.3	2.5
PLC-0735-180	18.0 $\pm$ 20%	120	1.9	2.8	2.1
PLC-0735-220	22.0 $\pm$ 20%	164	1.7	2.4	1.8
PLC-0735-330	33.0 $\pm$ 20%	220	1.6	2.2	1.6

*1 T=40K rise at rated current. *2 Inductance drop 30% at rated current.

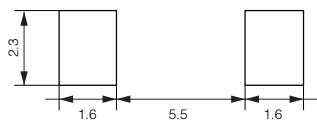
● Operating temperature range : -25to+120°C (Includes self-temperature rise)

Shape and Dimensions



[mm]

Recommended Land Pattern

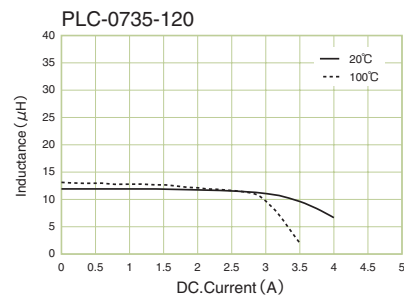
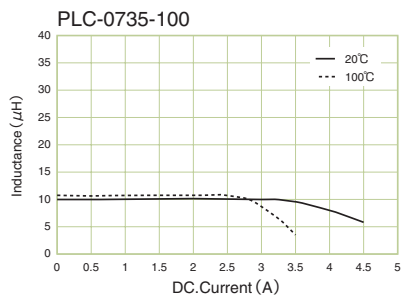
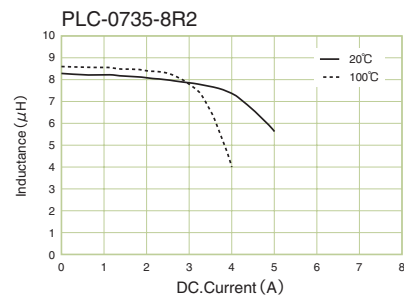
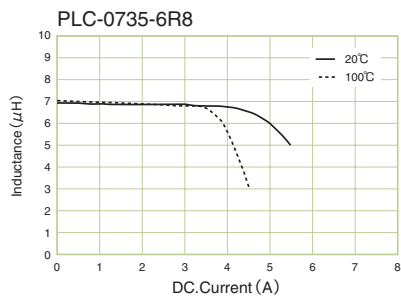
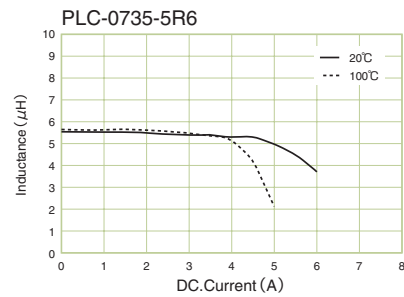
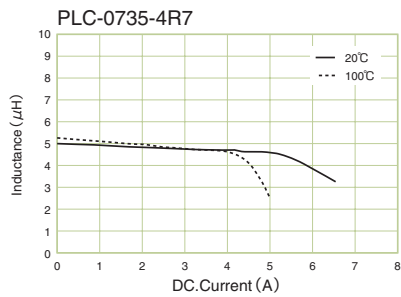
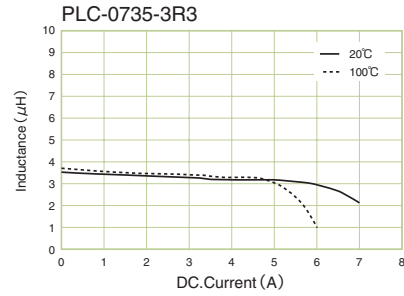
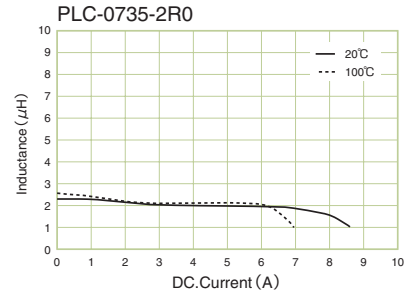


[mm]



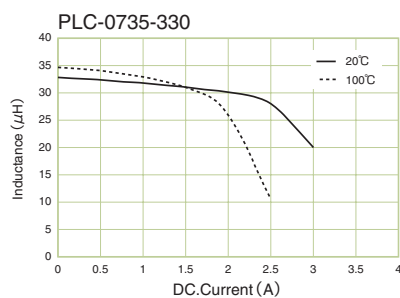
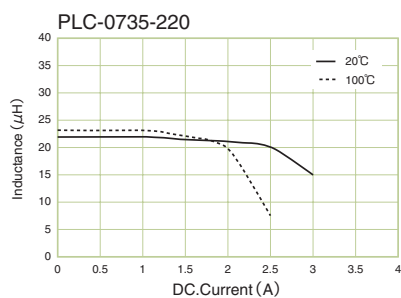
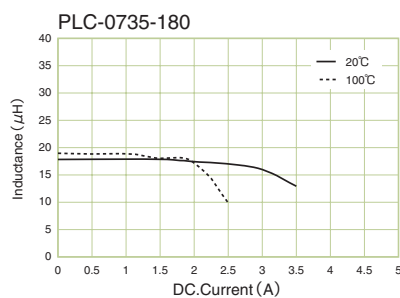
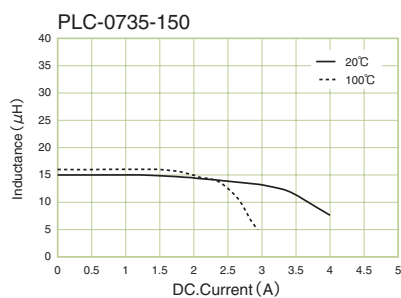
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- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

DC-Superposed Characteristics



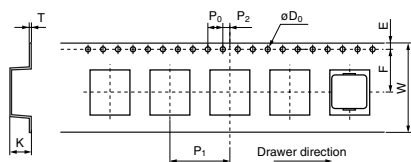
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DC-Superposed Characteristics



PLC-0735 Series

Dimensions of indented square hole plastic tape

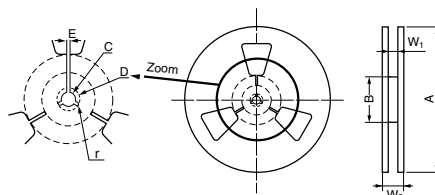


	W	F	E	P1	P2	P0	øD0	T	K
	± 0.3	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1	± 0.05	± 0.05	± 0.1
0735 Series	24.0	11.5	1.75	16.0	2.0	4.0	1.55	0.4	3.8

[mm]

	pcs./reel
0735 Series	1000

Reel dimensions



A	B	C	D	E	r	W1	W2
± 5	± 5	± 0.5	± 0.8	± 0.5		± 0.5	± 0.5
380	80	13.5	21.0	2.0	R1.0	25.5	29.5

[mm]



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