



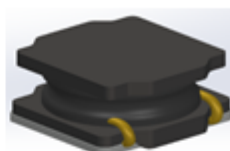
PNL4026-SERIES-A



Applications

- Noise suppression for motors : windshield wipers / power seats / power mirrors / heating and ventilation blower / HID lighting
- Engine and transmission control units
- DC/DC converters for entertainment/navigation systems
- LED drivers
- Battery power systems

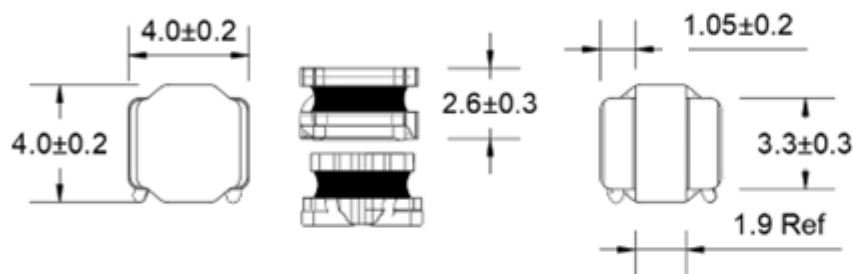
Picture



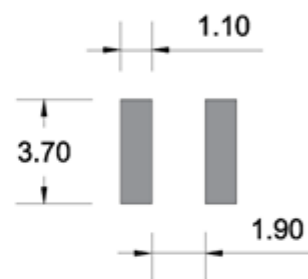
Environmental data

- Operating temperature range : -50°C ~ +125°C(component)
- Storage conditions (packaged) : -25°C ~ +40°C, ≤75% RH
- Complies with AEC-Q200 standard

Dimensions [Unit : mm]



Land Pattern [Unit : mm]



Specifications

Part No.	L0 Inductance(μH) 100kHz, 1V, 0A	DCR (mΩ)		Saturation Current DC(A) a)	Heating Rating Current DC(A) b)
		TYP.	MAX.	MAX.	MAX.
PNL4026-1R0N-A	1.0±30%	25	34	3.3	2.9
PNL4026-1R5N-A	1.5±30%	30	39	2.5	2.2
PNL4026-2R2M-A	2.2±20%	40	52	2.1	1.8
PNL4026-3R3M-A	3.3±20%	53	69	1.9	1.6
PNL4026-4R7M-A	4.7±20%	58	76	1.7	1.5
PNL4026-6R8M-A	6.8±20%	88	112	1.5	1.2
PNL4026-100M-A	10.0±20%	110	145	1.2	1
PNL4026-150M-A	15.0±20%	156	203	1.1	1
PNL4026-220M-A	22.0±20%	230	300	0.95	0.75
PNL4026-330M-A	33.0±20%	350	455	0.9	0.5
PNL4026-470M-A	47.0±20%	480	618	0.8	0.5
PNL4026-680M-A	68.0±20%	690	891	0.72	0.48
PNL4026-101M-A	100.0±20%	1,200	1,600	0.5	0.3

Notes

- * All test data is referenced to 25 °C ambient
- a) DC current (A) that will cause L0 to drop approximately 30 %
- b) DC current (A) that will cause an approximate ΔT of 40 °C

Packing Q'ty (PCS)

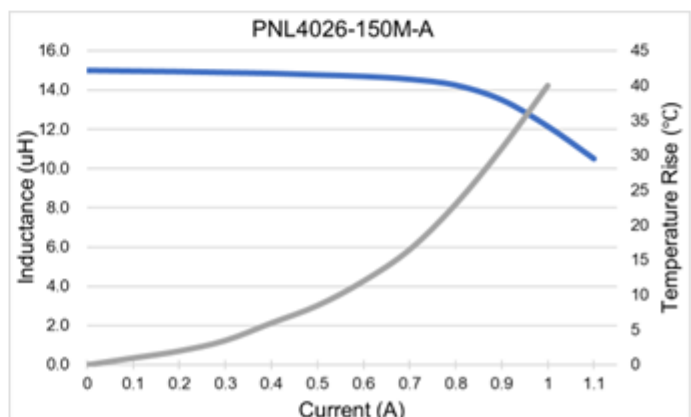
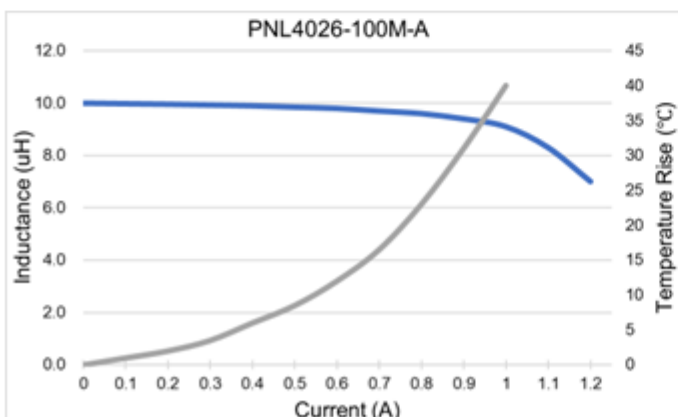
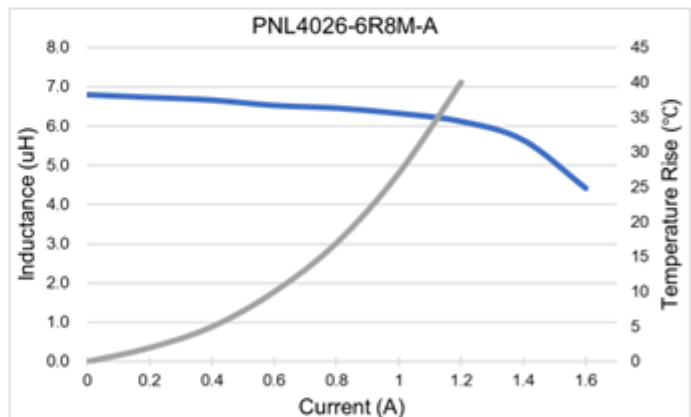
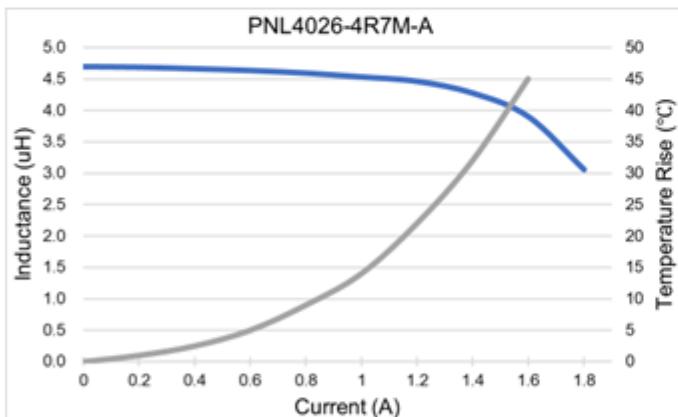
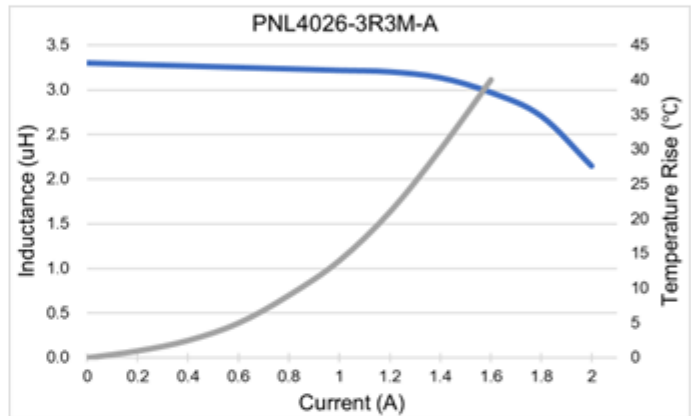
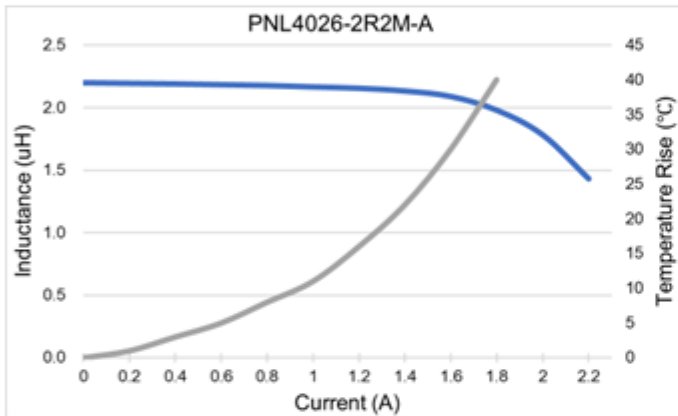
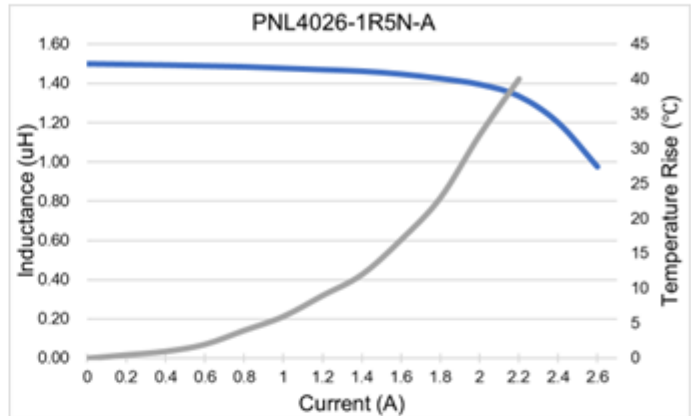
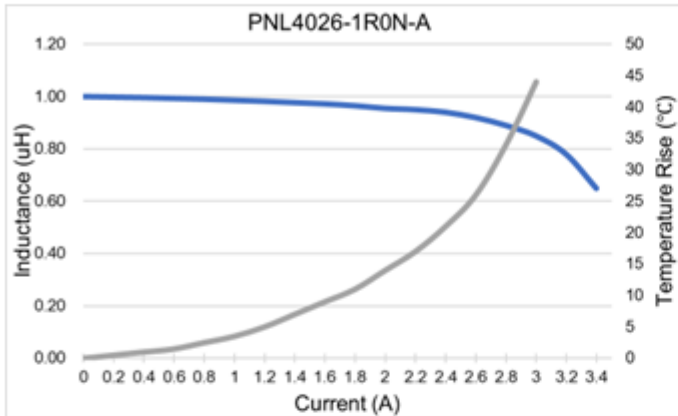
- * Reel : 2,000
- * Box : 10,000



PNL4026-SERIES-A

Performance Graph

— Inductance (uH)
— Temperature Rise (°C)





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Performance Graph

— Inductance (uH)
— Temperature Rise (°C)

