

Product Specification

Number: L-KLS18-PK0810-102K
Name: Radial UL Tube Power Inductor
Customer: _____
Date: 2026-04-14



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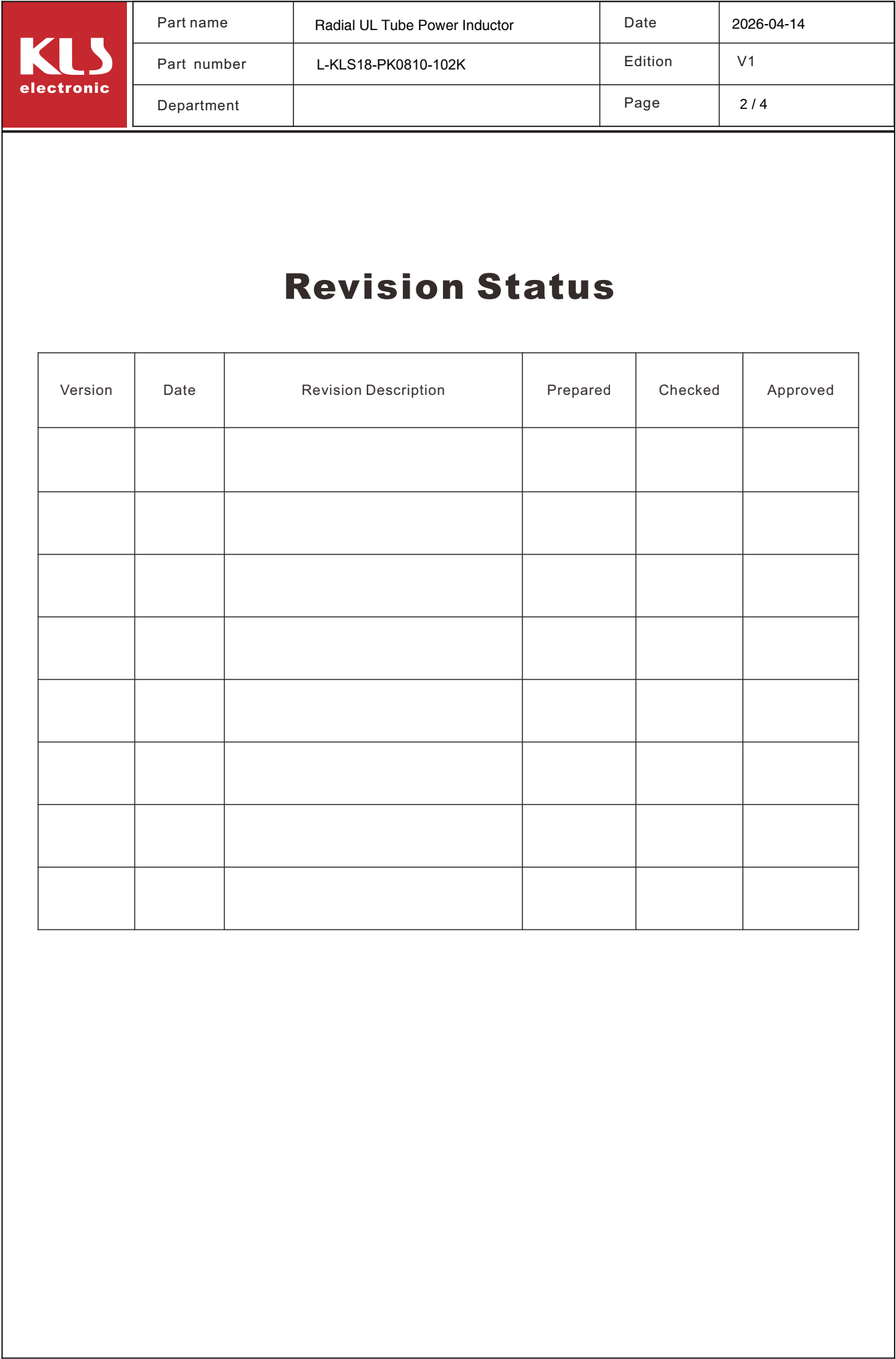
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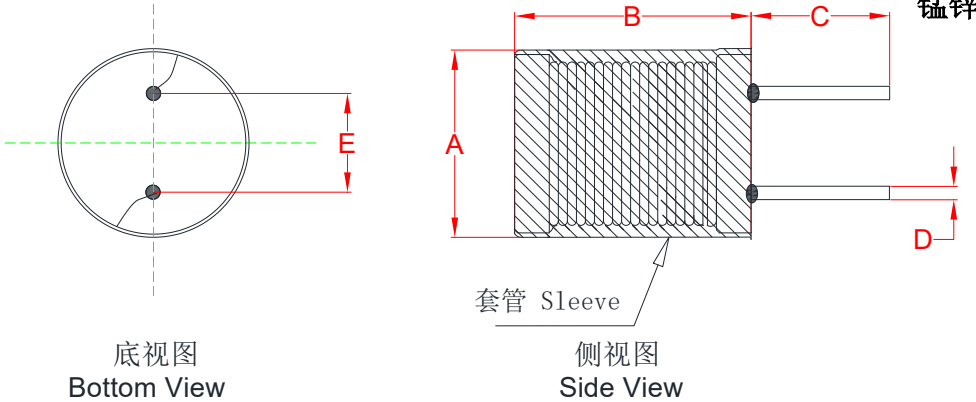
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	Part name	Radial UL Tube Power Inductor	Date	2026-04-14
	Part number	L-KLS18-PK0810-102K	Edition	V1
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1. Part No（部品号）： L-KLS18-PK0810-102K

2. Appearance & Dimension Drawing（外观和尺寸图）（Unit: mm）

Core Model: (磁芯规格) DR2W 8*10 Core Material: (磁芯材质) Manganese-Zinc 锰锌



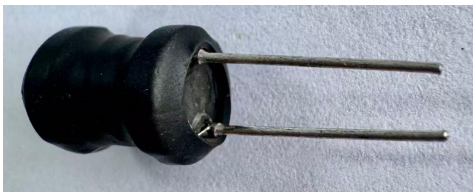
A	B	C	D	E	Sleeve Material
9MAX	12MAX	15±2	0.6±0.1	5.00±0.5	Black PE

*特别说明：无 Special Notes: None

3. Schematic:（电原理图）



4. Picture:（产品照片）



5. Winding Table（绕制步序）

Winding (绕组)	Diameter & Type (线径及线种)	Turns (圈数)	Winding Method (绕线方式)	Note (备注)
N1 (Pin1-Pin2)	2UEW/QA-1 Φ0.20mm *1	173.5Ts (ref.)	密绕Close winding	

6. Electric Characteristics（电气性能）

No. (序号)	Items (项目)	Measuring Terminal (测试端)	Standards (标准)	Testing Conditions (测试条件)
1	Inductance 电感量	Pin1-Pin2	L=1mH±10%	@1KHz, 0.3V
Standard measuring condition 标准测试条件		Temperature（温度）： 25±3℃ Humidity（湿度）： 60±10% R.H.		

7. Material List（材料清单）

No.	Part No.	Type/Model No.	Class	Approval
1	Core			N/A
2	Magnet Wire	MW 79C	155℃	E227xxx
3	PET Tube	RSFR-H	125℃	E203xxx