

## 规格承认书

Specification for approval

客户名称:

(Customer Name)

产品名称:

(Product Name)

客户料号:

(Customer part number)

科尼盛料号:

(KNSCHA number)

型号规格:

(Specifications)

日期:

DATE

DC-LINK直流薄膜电容器

DC-LINK DC Thin Film Capacitor

228CB0044

DC-LINK 30 $\mu$ F/500V P=37.5mm 42\*40\*20mm  
P1=10.2mm L=5.5mm $\pm$ 0.5mm/1.0CU铜线\*4PIN

2025.10.1

制 造 Manufacture	
核 准 APPROVAL	科尼盛电子科技有限公司 制 作 PREPARED
王 师	张 优美

客 户 承 认 栏 CUSTOMER APPROVED		
核 准 APPROVED	确 认 CHECKED	经 办 DESIGNED

**广东科尼盛电子科技有限公司**

KNSCHA ELECTRONICS CO., LIMITED

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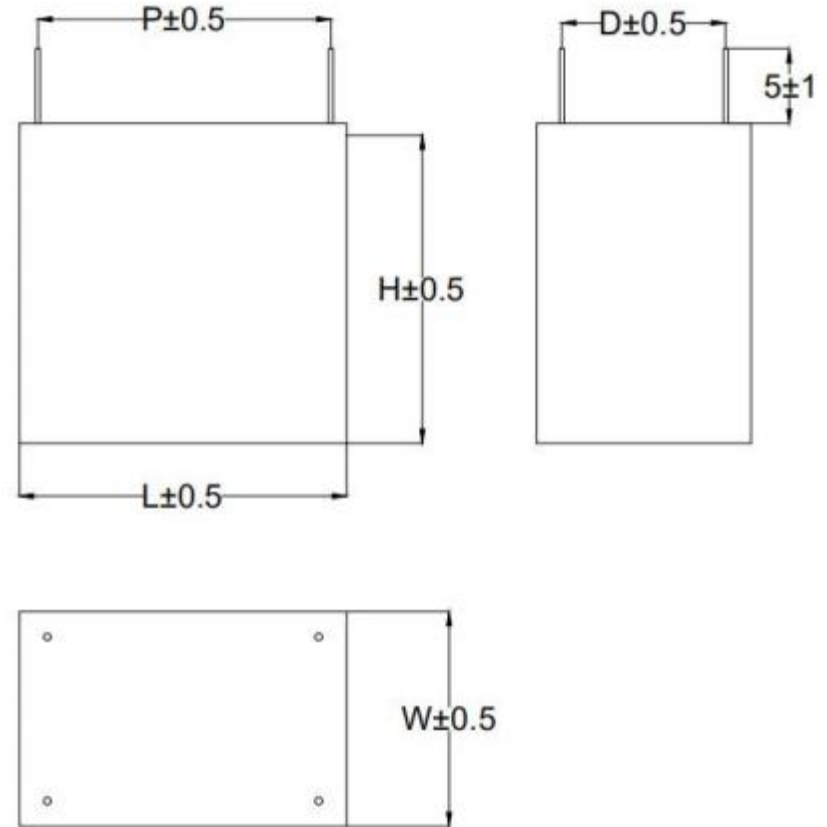
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capacitor	物料编码	228CB0044
<u>main data</u>		
额定容量 C <sub>n</sub> Rated Capacitance	[ μF]	30
容量偏差 Capacitance tolerance	[%]	±10
额定电压 U <sub>n</sub> Rated Voltage	[Vdc]	500
损耗 tg δ Tangent of loss angle		≤15x10 <sup>-4</sup> (1KHz, 20℃)
最大电流 I <sub>max</sub> Maximum current	[A]	20.5
等效串联电阻 ESR	mΩ	≤4.8 (1kHz)
最大峰值电流 İ Maximum peak current İ	[A]	900
电压变化率 dv/dt	v/ μs	30
预期寿命		100000h @U <sub>n</sub> , θ <sub>amb</sub> ≤70℃
极间测试 U <sub>t-t</sub> Test voltage terminal to terminal	[Vdc]	750 - 10s
绝缘电阻 IR×CN Insulation Resistance		≥100000s (20℃ , 100VDC, 60s)
运行温度 θ <sub>amb</sub> Operating Temperature	[℃]	-40 / +85
线径 D	[mm]	4-Φ1.0
长度 L	[mm]	42
宽度 W	[mm]	20
高度 H	[mm]	40
中心距 P	[mm]	37.5
中心距 D	[mm]	10.2
绝缘介质 insulation medium		聚丙烯薄膜 Polypropylene film
填充介质 Filling medium		环氧树脂 epoxy



remark	designer	Revision Description		Changed by	change date
Design	xia.zhang	2025.10.01	Outline drawing	proportion 1:1	edition A
auditing standard				<b>KNSCHA</b> <b>30μF±10%500VDC</b> <b>MPD</b>	
approved					
<b>KNSCHA ELECTRONICSCO., LIMITED</b>					