KNSCHA
Empowering The World

广东科尼盛电子科技有限公司
KNSCHA ELECTRONICS CO., LIMITED

规格承认书

Specification for approval

客户名称: (Customer Name)	
产品名称: (Product Name)	DC-LINK直流薄膜电容器 DC-LINK DC Thin Film Capacitor
客户料号: (Customer part number)	
科尼盛料号: (KNSCHA number)	228CB0062
型号规格: (Specifications)	DC-LINK 20μF/1000V P=37.5mm 42*45*30mm P1=20.3mm L=5.5mm±0.5mm/1.2CU铜线*4PIN
日期: DATE	2025.10.1

制 造 Manufacture	
核 准 APPROVAL	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

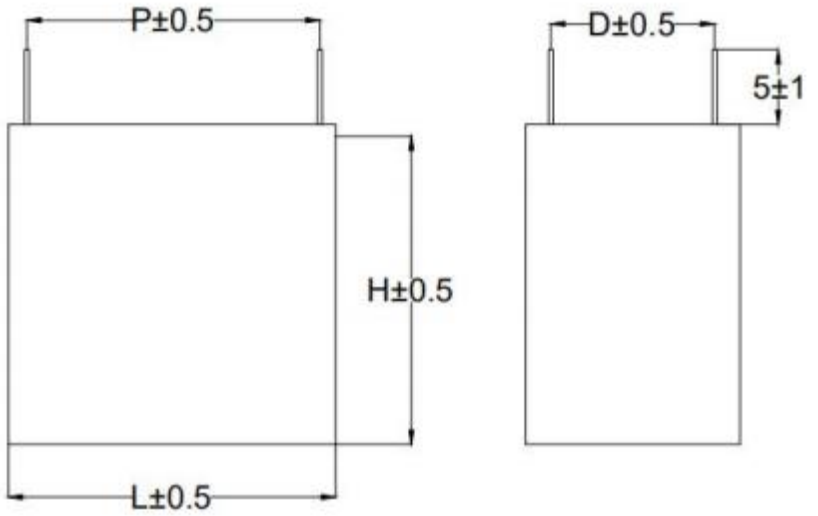
KNSCHA ELECTRONICS CO.,LIMITED

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capacitor	物料编码	228CB0062
main data		
额定容量 Cn Rated Capacitance	[μF]	20
容量偏差 Capacitance tolerance	[%]	±10
额定电压U_n Rated Voltage	[Vdc]	1000
损 耗 tg δ Tangent of loss angle		≤20x10⁻⁴ (1KHz,20℃)
最大电流 I_{max} Maximum current	[A]	25.45
等效串联电阻 ESR	mΩ	≤4.2（1kHz)
最大峰值电流 Î Maximum peak current Î	[A]	740
电压变化率 dv/dt	v/ μs	37
预期寿命		100000h @Un , θ_{amb}≤70℃
极间测试 U_{t-t} Test voltage terminal to terminal	[Vdc]	1500 - 10s
绝缘电阻 IR×CN Insulation Resistance		≥100000s（20℃， 100VDC，60s)
运 行 温 度 θ_{amb} Operating Temperature	[℃]	-40 / +85
线径 D	[mm]	4-Φ1.2
长度 L	[mm]	42
宽度 W	[mm]	30
高度 H	[mm]	45
中心距 P	[mm]	37.5
中心距 D	[mm]	20.3
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					
approved					

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KNSCHA
20μF±10%1000VDC
MPD