

Specification for approval

客户名称:

(Customer Name)

产品名称:

DC-LINK直流薄膜电容器

(Product Name)

DC-LINK DC Thin Film Capacitor

客户料号:

(Customer part number)

科尼盛料号:

228CB0040

(KNSCHA number)

型号规格:

DC-LINK 20 μ F/600V P=37.5mm 42*40*20mm
P1=10.2mm L=5.5mm $\pm$ 0.5mm/1.0CU铜线*4PIN

(Specifications)

日期:

2025.10.1

DATE

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

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capacitor	物料编码	228CB0040
<u>main data</u>		
额定容量 C _n Rated Capacitance	[μF]	20
容量偏差 Capacitance tolerance	[%]	±10
额定电压 U _n Rated Voltage	[Vdc]	600
损耗 tg δ Tangent of loss angle		≤20x10 ⁻⁴ (1KHz, 20℃)
最大电流 I _{max} Maximum current	[A]	18.38
等效串联电阻 ESR	mΩ	≤5.9 (1kHz)
最大峰值电流 î Maximum peak current î	[A]	600
电压变化率 dv/dt	v/ μs	30
预期寿命		100000h @U _n , θ _{amb} ≤70℃
极间测试 U _{test} Test voltage terminal to terminal	[Vdc]	900 - 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-Φ1.0
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				KNSCHA 20μF±10%600VDC MPD			
approved							
KNSCHA ELECTRONICSCO., LIMITED							