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搜索

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海事电气产品及
系统集成方案解决者

薄膜电容器系列

Product Catalog of
Film capacitor Series

完整的产品制造链

自主可控

始终如一



常熟市国瑞科技股份有限公司
CHANGSHU GUORUI TECHNOLOGY CO.,LTD

公司简介

Company Profile



常熟市国瑞科技股份有限公司系国企浙江省二轻集团有限责任公司控股的混合所有制企业，股票代码300600。公司位于江苏省常熟虞山高新技术产业开发区，是专业从事船舶及海洋工程电气，自动化设备及其系统集成研发、生产、销售及综合技术服务的高新技术企业。

公司注册资本29705.22万元，占地88000平方米，科研生产用房面积56000平方米，作为专业的舰船电气及自动化设备制造商，配备先进的柔性加工生产线和齐全的试验、测试设备，以“数字化设计、数字化管理、数字化生产”为客户提供优质产品和服务。

公司始终坚持“自主创新、诚信经营”理念，拥有江苏省重点企业研发机构——江苏省高可靠智能化船舶配电设备工程技术研究中心，拥有48项软件著作权，14项发明专利权，所生产的船舶低压配电产品系列、中压配电产品系列、电力电子产品系列、船用开关系列、自动化设备及自动化管理系统等产品广泛应用于中外民用船舶，得到了用户较高的满意度。

公司通过了中国船级社ISO9001、OHSAS18001、ISO14001等管理体系的第三方认证，产品满足GB/T19001、GB9001的质量要求，并可根据客户要求通过“CCS”、“LR”、“DNV”、“ABS”、“BV”、“NK”等中外船级社的检验。

Changshu Guorui Technology Co., Ltd. is a mixed-ownership enterprise controlled by the state-owned Zhejiang Second Light Industry Group Co., Ltd., stock code: 300600. The company is located in the Yushan High-tech Industrial Development Zone, Changshu, Jiangsu Province. It is a high-tech enterprise specializing in research and development, production, sales and comprehensive technical services of ship and marine electrical engineering, automation equipment and its system integration.

The company's registered capital is 297,052,200 yuan, covers an area of 88,000 square meters, and a scientific research and production space of 56,000 square meters. As a professional manufacturer of ship electrical and automation equipment, the company is equipped with advanced flexible processing production lines and complete testing and testing equipment, and provides customers with high-quality products and services based on "digital design, digital management and digital production".

Company always adhere to the "independent innovation, integrity management", has a high reliable intelligent key enterprise research and development institutions in Jiangsu province, Jiangsu province Marine power distribution equipment engineering technology research center, with 48 counts of software copyright, 14 invention patents, the production of low-voltage distribution ship product series, the series of medium voltage power distribution products, power electronic products series, Marine switch series, automation equipment and automation management system, etc. Products are widely used in the Chinese and foreign ship, got higher user satisfaction.

The company has passed the third party certification of China Classification Society ISO9001, OHSAS18001, ISO14001 and other management systems. The products meet the quality requirements of GB/T19001 and GB9001, and can pass the inspection of Chinese and foreign classification society such as "CCS", "LR", "DNV", "ABS", "BV" and "NK" according to customers' requirements.

资质荣誉

Qualifications and Honors



资质荣誉

汗水成就梦想，实干创造辉煌。国瑞科技过去的27年是实干的27年，是创业的27年，是精彩无限的27年。

"为国轮国造不懈努力，为科技兴军添砖加瓦。"牢记使命，永葆初心，自立自强，图强不息。国瑞科技在市场经济大潮中一步步做大做强，靠汗水和实干赢得了荣誉。

从政府主管部的肯定到同行的认可，再到社会各界、行业内外的一致好评，众多荣誉成为国瑞科技不断发展壮大的助推器，推动着国瑞科技不断向更加灿烂的辉煌迈进。

Qualifications and Honors

Sweat makes dreams come true, hard work creates brilliance. The past 27 years of Guorui Technology have been 27 years of hard work, 27 years of entrepreneurship, and 27 years of infinite glory.

"Make unremitting efforts for the national ships to be built in domestic, and contribute to the rejuvenation of the army through science and technology" Keeping in mind the mission, always keeping the original aspiration, being self-reliant and self-improving and continuous efforts, trying to be strong and unceasing, Guorui Technology has grown bigger and stronger step by step in the tide of market economy, and has won honors with sweat and hard work.

From the affirmation of the competent government department to the recognition of the peers, to the unanimous praise from all walks of life in the society, both inside and outside the industry, many honors have become a booster for the continuous development and growth of Guorui Technology, propelling Guorui Technology to continue to advance to a more brilliant glory.

我们所获得的认证.....

以人为本、构建和谐企业
科技是第一生产力

Certification

People oriented, building a harmonious enterprise
Science and technology is the first productive force



Purpose | 宗旨

为客户创造价值
为股东创造利润
为员工创造机会

Create value for
our customers and Create profits for
our shareholders and Create working opportunities for
our employees



Idea | 理念

自主创新 诚信经营

Independent innovation and
Credit management



Aims | 目标

创建受社会尊重
让员工自豪
最具有竞争力的船舶及海洋工程电气
自动化产品和系统解决方案的自主品牌企业

Created by the social respect, let employees pride, the most competitive
ship and ocean engineering electrical and automation products and
system solutions of independent brand enterprises.

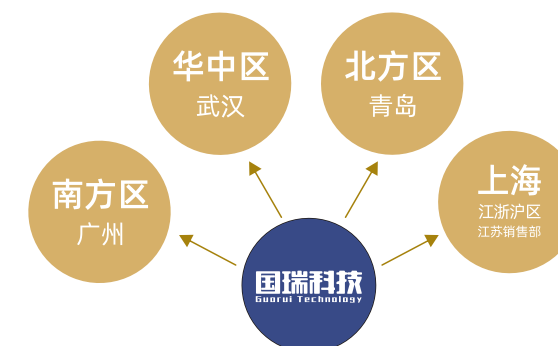


营销网络

公司营销引进CRM客户管理系统，在国内具有上海、广州、青岛和武汉四个销售分公司，在区域分公司辐射地区设有办事处，可以为客户提供便捷的服务。

Sales Network

Our company uses CRM customer management system, has four sales branches in Shanghai, Guangzhou, Qingdao and Wuhan in China, and has offices in the radiation areas of various regional branches.



主要客户

Major Client

 江南造船（集团）有限责任公司	 沪东中华造船（集团）有限公司	 上海外高桥造船有限公司	 广船国际有限公司	 黄浦文冲船舶有限公司	 大连船舶重工集团有限公司
 渤海船舶重工有限责任公司	 武昌船舶重工集团有限公司	 中国船舶第七〇一研究所	 中国船舶第七〇二研究所	 中国船舶第七〇三研究所	 中国船舶第七〇四研究所
 中国船舶第七〇八研究所	 中国船舶第七一〇研究所	 中国船舶第七一一研究所	 中国船舶第七一二研究所	 中国船舶第七一五研究所	 中国船舶第七一九研究所
 招商局集团有限公司	 上海振华重工（集团）股份有限公司	 中远海运重工有限公司	 黄海造船有限公司	 中海油	 西门子能源有限公司

数字化设计、生产、管理

国瑞科技DMP平台，涵盖产品设计、工艺和制造部门，实现产品文档管理、流程管理、BOM和零部件管理、权限管理、编码管理、NX和AutoCAD设计软件集成、Eplan和AD电气电子软件集成、ERP集成、数字化工艺、数字化制造等功能。

Digital Design, Digital Producing, Digital Management

Guorui Technology's DMP platform, covering product design, process planning and production sector, from Document Control, Procedure Planning, BOM and components management, authority management, code management, NX and AutoCAD design software integration, EPLAN and AD electrical software integration, ERP management, digital manufacturing and other functions.



研发能力

公司拥有一支长期从事薄膜电容器研发团队。团队从薄膜电容器相关理论出发，从降低电容器损耗、提高存储密度、改善抗冲击能力入手，对薄膜电容器结构、电荷分布及相关材料进行了研究，并结合生产与制造工艺先后研发和制造了多个系列、多种型号的高性能薄膜电容器，在火控、电力推进等系统得到应用。

另外，利用公司长期从事船舶及海洋工程电气产品研发和制造累积的知识和经验，开发了多种薄膜电容器专用检测设备，如：短路放电电源(短路电流大于9000A)、变频纹波电源等，为薄膜电容器的设计、评价等提供有力支撑。我们的薄膜电容器产品具有热稳定性好、抗冲击能力强等特点。薄膜电容器关键性能指标达到国外同类产品，部分指标超过国外同类产品。

Research Capability

Guorui Technology has one dedicated technical team who focused on R&D Thin Film Capacitor product. This team started from research the related theory of Thin Film Capacitor, from reduction of the capacitor loss, improve store density and improve how to anti-impact capability, researched Thin Film Capacitor structure, electric charge release and related materials, also combine production and process research, we made multiple series and models high performance Thin Film Capacitor, to be used for weapon control and electrical propulsion system application.

Meanwhile, Guorui Technology accumulated quite a lot marine and offshore electrical product research and manufacture technology, knowhow and experience, developed many types Thin Film Capacitor special testing bench, such as: Short-Current Discharge Power (Short-Current is more than 9000A), Variable-Frequency Ripple Voltage Power, strongly support Thin Film Capacitor's design and evaluation. Our Thin Film Capacitor product's advantage is high thermal reliability and strongly Anti-Impact etc. characteristics. The main performance is reach and over international same product.



检测能力

拥有一系列专业的薄膜电容器检测设备，保证了研发及生产过程中的检测需求，不但保证了薄膜电容器的常规电性能检测，在保证电性能的同时，产品还会通过高低温实验，盐雾等模拟极端天气状况的实验进行质量管控，保证了薄膜电容器在恶劣自然环境下的正常工作。同时根据检测结果不断进行性能优化，保证定制产品的质量，满足客户提出的产品需求。

Testing Capability

Because we owns series of professional Thin Film Capacitor testing bench, ensure the testing demand of R&D and manufacture process, not only ensure the normal performance testing, but also passed highest and lowest temperature and Salt Milt Lab testing, we also simulate extremely environment testing. We keep improve our products compare with the testing report and upgrade them, ensure the quality of the tailor-made product, meet with customer's request.

生产能力

公司（薄膜电容事业部）拥有完整的薄膜电容器生产及研发设备，组建了专业从事薄膜电容器研发与生产团队，保证了薄膜电容器研制、生产的需求。公司拥有完整的薄膜电容器生产、制造和测试设备，另外，公司的一流的数控加工设备为薄膜电容器的定制生产提供了强有力的后盾。目前我们具有研发特种用途薄膜电容器的能力，可以满足军事装备薄膜电容器多型号、小批量、高品质的应用特点的需求。可根据客户要求，设计特殊规格，尺寸的定制产品。

Production Capability

Guorui Technology established “Thin Film Capacitor Business Unit”, invested the complete set of manufacturing and testing facility, meanwhile, Guorui Technology’s existing first class CNC machine ensure the Thin Film Capacitor’s stable production. Currently, we have the R&D capability of special purpose of Thin Film Capacitor, satisfy military equipment’s demand of multi-types, small order and high quality applications. Other specification and dimension can be designed based on customer’s requirement.



Product Catalog
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薄膜电容器
Film Capacitor Series

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薄膜电容器（定制化）
Film Capacitor (Customization)

特点

Features

等效串联电阻(ESR)小，能承受较大的纹波电流
自感(LS)小、具有自愈性、寿命长

Low ESR , high ripple current handling capabilities

Low LS , self-healing property, long lifetime

应用

Application

广泛应用于开关电路中，作滤波、吸收、储能用
替代电解电容，性能更优，寿命更长

逆变器，变频器，电源设备、电动汽车及混合动力车

Widely used in switch circuit for filtering、absorbing and energy storage

Can replace electrolytic capacitors , better performance and longer life

Inverter、converter、power equipment 、electric and hybrid car

性能参数

Technical data

■ 容量范围 Capacitance range	200 μF ~ 5000 μF	■ 过电压 Overvoltage	一天之内最长持续时间 (The longest duration/day) 1.1 U _N : 8h/day 1.15 U _N : 30min/day 1.2 U _N : 5min/day 1.3 U _N : 1min/day 1.5 U _N : 30ms every time ,1000times during the life of the capacitor
■ 额定电压 Rated Voltage	300 V _{DC} ~ 5000 V _{DC}		
■ 电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %		
■ 介质损耗角正切 Dissipation factor tgδ	≤0.002		
■ 自感 LS	★	■ 安装 Installation	★
■ 等效串联电阻 ESR	★	■ 湿度 Humidity	★
■ 热阻 R _{th}	★	■ 最高使用海拔 Maximum Altitude	< 3000 m
■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C -43 °C ~ 105 °C	■ 预期寿命 Lifetime Expectancy	100 000 h
■ 贮存温度范围 Storage temperature range	-43 °C ~ 105 °C	■ 重量 Weight	★
■ 额定电流 Max. current I _{rms}	★	■ 尺寸 Dimension	★
■ 耐电压 Voltage Endurance	极间 Between Terminals: 1.5U _N (10s) 极壳之间 Terminals to Case: √2 U _N +1000V (10s)		

注：★ 按技术要求
According to technical requirements

RT8518A DC-Link薄膜电容器
DC-Link Film Capacitor



特点
Features

等效串联电阻(ESR)小, 能承受较大的纹波电流
自感(LS)小、具有自愈性、寿命长
Low ESR , high ripple current handing capabilities
Low LS , self-healing property, long lifetime

应用
Application

广泛应用于DC-Link电路中, 作滤波储能用
替代电解电容, 性能更优, 寿命更长
风能发电, 光伏发电用逆变器, 各种变频器, 电动汽车及混合动力车
SVG, 电焊机, 电源设备
It is widely used in DC-Link circuit as filter and energy storage
Can replace electrolytic capacitor, better performance and longer life
Wind power、photovoltaic inverters、various converters、 electric and hybrid car、 SVG、
welding machines、 power equipment

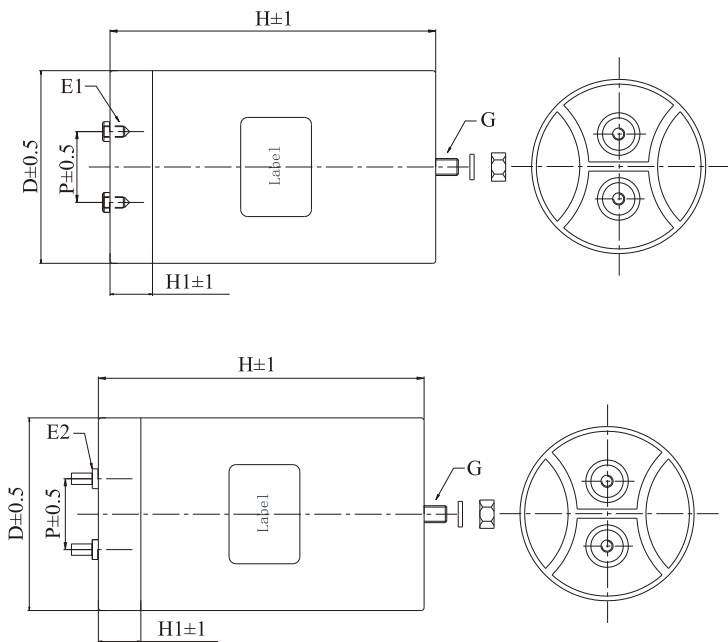
性能参数
Technical data

■ 容量范围 Capacitance range	20 μF ~ 6000 μF (技术参数表格中范围)	■ 过电压 Overvoltage	一天之内最长持续时间 (The longest duration/day) 1.1 U _N : 有负荷时间的30% (30% of on-load-dur) 1.15 U _N : 30min/day 1.2 U _N : 5min/day 1.3 U _N : 1min/day 1.5 U _N : 30ms every time ,1000times during the life of the capacitor
■ 额定电压 Rated Voltage	450 V _{DC} ~4000 V _{DC}		
■ 电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %		
■ 介质损耗角正切 Dissipation factor tgδ	≤0.002(25 °C, 100 Hz)		
■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C	■ 最大电极扭矩 Max torque of electrode	M6: 5 N.m M8: 6 N.m
■ 贮存温度范围 Storage temperature range	-40 °C ~ 105 °C	■ 最大安装扭矩 Max torque of installation	12 N.m
■ 耐电压 Voltage Endurance	极间: 1.5 U _N (10 s) Between Terminals 极壳之间:√2 U _N +1000 V (10 s) Terminals to Case	■ 湿度 Humidity	95 % (T _{Test} =56 days)
		■ 最高使用海拔 Maximum Altitude	2000 m
■ 安装 Installation	螺栓M12 Threaded bolt M12	■ 预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C

产品编码说明
Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	5	1	8	A	1	1	2	4	7	7	J	3	4	2
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 8=直流 / 8=DC																
第7位相数 /Number 7 Number of phases A=单相 / A=One-phase C=三相 / C=Three-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例: 112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例: 477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差/Number 14 Capacitance Tolerance J=±5 % , K=±10 % , M=±20 %																
第15位引出方式 /Number 15 Lead out mode 3=螺栓式 / 3= Bolt type 4=螺孔式 / 4=Screw hole type																
第16位引线中心距 / Number 16 Lead pitch 4=32 mm 7=45 mm 6=50 mm																
第17位端子类型 /Number 17 Terminal type 2=M6 3=M8																

▶ 外形图
 The contour map



▶ 尺寸
 Measuerment

ΦD(mm)	P(mm)	H1(mm)	G	E1	E2
76	32	20	M12X16	M6X10	M6X20
86	32	20	M12X16	M6X10	M6X20
86	32	25	M12X16	M6X10	M6X20
96	45	20	M12X16	M6X10	M6X20
116	45	30	M12X16	M8X10	M8X20
116	50	22	M12X16	M8X10	M8X20
136	50	30	M12X16	M8X10	M8X20

▶ 规格表
 The contour map

U _N	C _N (μF)	ΦD (mm)	H (mm)	ESR @1kHz (mΩ)	L _S (nH)	I _{max} (A) (60°C)	Part number
450 VDC	380	76	75	2.2	50	45	RT8518A451387
	500	76	100	1.5	40	65	RT8518A451507
	500	86	75	1.8	50	55	RT8518A451507
	650	86	95	1.2	40	75	RT8518A451657
	650	86	100	1.2	40	75	RT8518A451657
	650	96	75	1.5	50	60	RT8518A451657
	750	76	130	1.6	50	65	RT8518A451757
	1000	86	130	1.5	50	70	RT8518A451108
600 VDC	480	76	95	1.5	45	55	RT8518A601487
	650	76	120	1.9	50	53	RT8518A601657
	650	86	95	1.2	45	64	RT8518A601657
	780	76	140	2.2	55	50	RT8518A601787
	820	76	155	1.5	40	62	RT8518A601827
	880	86	120	1.5	50	60	RT8518A601887
	900	100	95	1.3	45	58	RT8518A601907
	950	76	174	1.5	45	63	RT8518A601957
	1000	86	136	1.8	55	55	RT8518A601108
	1100	86	140	1.7	55	57	RT8518A601118
	1100	86	155	1.4	40	64	RT8518A601118
	1200	100	120	1.4	50	58	RT8518A601128
	1200	116	95	0.7	45	80	RT8518A601128
	1300	86	174	1.4	45	64	RT8518A601138
	1400	100	136	1.5	55	58	RT8518A601148
	1500	100	140	1.6	55	58	RT8518A601158
	1600	100	155	1.0	40	70	RT8518A601168
	1600	116	120	1.0	50	70	RT8518A601168
	1800	100	174	1.0	45	70	RT8518A601188
	2000	86	252	1.1	55	70	RT8518A601208
	2000	116	140	1.1	55	67	RT8518A601208
	2100	116	158	0.8	40	92	RT8518A601218
	2400	116	174	0.9	45	90	RT8518A601248
	3000	116	230	0.8	50	100	RT8518A601308
	5600	136	295	0.8	60	100	RT8518A601568
700 VDC	360	76	95	1.8	70	55	RT8518A701367
	450	76	125	2.1	70	60	RT8518A701457
	480	86	95	1.5	65	60	RT8518A701487
	550	76	145	2.4	70	50	RT8518A701557

U _N	C _N (μF)	ΦD (mm)	H (mm)	ESR @1kHz (mΩ)	Ls (nH)	I _{max} (A) (60°C)	Part number
700 VDC	600	86	125	1.8	60	50	RT8518A701607
	650	76	175	2.0	65	55	RT8518A701657
	700	86	145	1.9	60	60	RT8518A701707
	900	86	175	1.7	60	60	RT8518A701907
	1100	116	125	1.4	55	70	RT8518A701118
	1400	116	145	1.2	60	75	RT8518A701148
	1700	116	175	1.3	60	75	RT8518A701178
	2200	136	145	0.9	60	80	RT8518A701228
	2800	136	175	1.1	60	80	RT8518A701288
900 VDC	260	76	95	2.8	70	47	RT8518A901267
	360	86	125	2.4	70	45	RT8518A901367
	380	76	95	2.8	65	55	RT8518A901387
	450	76	145	3.2	70	43	RT8518A901457
	500	86	125	3.2	60	50	RT8518A901507
	600	86	175	2.6	60	49	RT8518A901607
	750	86	145	2.2	60	60	RT8518A901757
	1000	116	175	1.8	55	65	RT8518A901108
	1100	116	125	1.6	50	65	RT8518A901118
	1400	136	145	2.0	55	80	RT8518A901148
	1500	116	175	2.4	55	80	RT8518A901158
	1700	136	145	1.8	55	85	RT8518A901178
	2100	136	175	2.1	55	85	RT8518A901218
1100 VDC	180	76	95	2.0	80	42	RT8518A112187
	220	86	95	2.2	60	45	RT8518A112227
	240	76	125	2.4	70	45	RT8518A112247
	300	76	145	2.9	70	42	RT8518A112307
	330	86	125	3.1	70	40	RT8518A112337
	360	76	175	3.3	75	55	RT8518A112367
	420	86	145	2.2	60	54	RT8518A112427
	500	86	175	1.6	60	59	RT8518A112507
	650	116	125	1.6	55	58	RT8518A112657
	750	116	145	1.5	60	59	RT8518A112757
	900	136	125	1.3	60	70	RT8518A112907
	940	116	175	1.2	55	70	RT8518A112947
	1000	136	145	1.1	60	75	RT8518A112108
	1400	136	175	0.9	70	80	RT8518A112148
1300 VDC	120	76	95	2.9	75	39	RT8518A132127

U _N	C _N (μF)	ΦD (mm)	H (mm)	ESR @1kHz (mΩ)	Ls (nH)	I _{max} (A) (60°C)	Part number
1300 VDC	160	76	125	3.7	70	37	RT8518A132167
	170	86	95	3.7	70	37	RT8518A132177
	210	76	145	4.1	70	36	RT8518A132217
	230	86	125	2.3	60	52	RT8518A132237
	240	76	175	2.3	60	50	RT8518A132247
	270	86	145	3.3	65	44	RT8518A132277
	320	86	175	1.9	55	55	RT8518A132327
	430	116	125	1.6	60	55	RT8518A132437
	520	116	145	1.8	60	53	RT8518A132527
	630	116	175	1.2	60	60	RT8518A132637
	660	136	125	1.7	50	70	RT8518A132667
	750	136	145	1.7	60	80	RT8518A132757
	900	136	175	1.4	60	80	RT8518A132907
1500 VDC	90	76	95	3.1	80	35	RT8518A152906
	120	76	125	3.8	70	40	RT8518A152127
	130	86	95	2.8	60	38	RT8518A152137
	150	76	145	4.2	75	40	RT8518A152157
	170	76	175	4.8	85	45	RT8518A152177
	200	86	145	3.6	60	50	RT8518A152207
	230	116	95	2.4	60	60	RT8518A152237
	240	86	175	4.5	60	55	RT8518A152247
	320	116	125	2.4	60	65	RT8518A152327
	390	116	145	2.6	60	70	RT8518A152397
	470	116	175	3.1	60	70	RT8518A152477
	130	86	125	5	55	17.1	RT8518A182137
	120	86	130	2.5	55	5.4	RT8518A182127
1800 VDC	180	86	180	2	60	8.1	RT8518A182187
	260	86	230	3	60	9.4	RT8518A182267
	130	116	130	2	60	8.3	RT8518A182137
	360	116	180	3.2	65	10.8	RT8518A182367
	500	116	230	3	70	15.0	RT8518A182507
	510	136	180	2	70	10.7	RT8518A182517
	680	136	230	2	70	14.3	RT8518A182687
	50	76	95	4.8	80	30	RT8518A202506
	60	86	95	4.1	60	30	RT8518A202606
2000 VDC	70	76	125	6.5	80	30	RT8518A202706
	100	86	125	6.8	60	35	RT8518A202107

U _N	C _N (μF)	ΦD (mm)	H (mm)	ESR @1kHz (mΩ)	Ls (nH)	I _{max} (A) (60℃)	Part number
2000 VDC	150	86	175	8.5	80	40	RT8518A202157
	190	116	125	3.2	60	60	RT8518A202197
	220	116	145	3.5	60	60	RT8518A202227
	270	136	125	3.4	60	60	RT8518A202277
	300	116	175	4.2	60	60	RT8518A202307
2200 VDC	90	86	140	3.7	65	34	RT8518A222906
	140	116	120	2.2	60	50	RT8518A222147
	150	86	225	1.9	60	57	RT8518A222157
	170	116	140	2.5	65	49	RT8518A222177
	200	136	120	1.9	60	54	RT8518A222207
	210	116	174	1.1	55	77	RT8518A222217
	250	136	140	2.1	65	53	RT8518A222257
	290	116	225	1.4	60	77	RT8518A222297
	290	136	175	1.0	55	79	RT8518A222297
	400	136	225	1.2	60	79	RT8518A222407
3200 VDC	40	86	140	4.9	65	30	RT8518A322406
	64	116	120	2.7	60	45	RT8518A322646
	65	86	225	2.4	60	50	RT8518A322656
	78	116	140	3.1	65	52	RT8518A322786
	90	136	120	2.2	60	49	RT8518A322906
	92	116	174	1.3	55	70	RT8518A322926
	110	136	140	2.5	65	47	RT8518A322117
	120	116	225	1.7	60	68	RT8518A322127
	120	136	175	1.2	55	71	RT8518A322127
	180	136	225	1.4	60	72	RT8518A322187
4000 VDC	220	136	265	1.6	60	72	RT8518A322227
	24	86	140	4.2	65	32	RT8518A402246
	38	86	225	2.1	60	62	RT8518A402386
	37	116	120	2.4	60	47	RT8518A402376
	46	116	140	2.8	65	46	RT8518A402466
	74	116	225	1.5	60	72	RT8518A402746
	92	116	265	1.7	60	70	RT8518A402926
	52	136	120	2.1	60	50	RT8518A402526
	64	136	140	2.3	65	49	RT8518A402646
	100	136	225	1.3	60	73	RT8518A402107
	130	136	265	1.5	60	37	RT8518A402137



RT8538A PCB用DC-Link薄膜电容器
DC-Link Film Capacitor for PCB-Link

特点

Features

- 等效串联电阻(ESR)小、自感(LS)小
- 高脉冲电流、高dv/dt承受能力
- Low ESR, Low LS
- High pulse Current, Higher dv/dt endurance

应用

Application

- 高性能直流滤波场合
- High performance DC filtering applications

性能参数

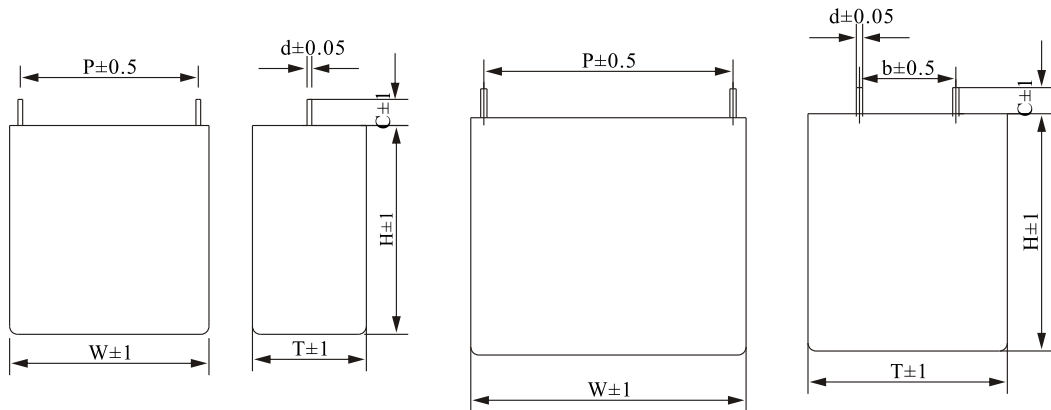
Technical data

■ 容量范围 Capacitance range	3 μF ~100 μF (技术参数表格中范围)	■ 过电压 Overvoltage	一天之内最长持续时间 (The longest duration/day) 1.15 U _N : 有负荷时间的30 % (30 % of on-load-dur) 1.15 U _N : 30 min/day 1.2 U _N : 5 min/day 1.3 U _N : 1 min/day 1.5 U _N : 30 ms every time ,1000times during the life of the capacitor
■ 额定电压 Rated Voltage	500 V _{DC} (250 V _{AC})~1300 V _{DC} (550 V _{AC})		
■ 电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %		
■ 介质损耗角正切 Dissipation factor tgδ	≤0.002(C _N ≤50 μF) (25 °C, 1 KHz) ≤0.003(C _N > 50 μF) (25 °C, 1 KHz)		
■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C	■ 湿度 Humidity	95 % (T _{test} =56days)
■ 贮存温度范围 Storage temperature range	-40 °C ~ 105 °C	■ 最高使用海拔 Maximum Altitude	2000 m
■ 耐电压 Voltage Endurance	极间: 1.5 U _N (10 s) Between Terminals 极壳之间:√2 U _N +1000 V (10 s) Terminals to Case	■ 预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C
■ 安装 Installation	任意方向 Any position		

产品编码说明
Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	5	3	8	A	1	1	2	4	7	7	J	5	1	6
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 8=直流 / 8=DC																
第7位相数 / Number 7 Number of phases A=单相 / A=One-phase C=三相 / C=Three-phase																
第8~10位额定电压 / Number 8~10 Rated voltage 例：112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 / Number 11~13 Nominal capacity 例：477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差 / Number 14 Capacitance Tolerance J=±5 % , K=±10 % , M=±20 %																
第15位引出方式 / Number 15 Lead out mode 1=铜线 / 1=Copper wire 2=铜片 / 2=Copper sheet 5=插针 / 5=Pin 0=定制化 / 0= Customization																
第16位引线中心距 / Number 16 Lead pitch 1=27.5mm 2=37.5mm 3=52.5mm 0=定制化 / 0= Customization																
第17位端子类型 / Number 17 Terminal type 6=插针0.8mm / 6= Pin 0.8mm 7=插针1 mm / 7= Pin 1mm 8=插针1.2mm / 8= Pin 1.2mm 9=插针2.0mm / 9= Pin2.0mm 0=定制化 / 0= Customization																

外形图
The contour map



规格表
The contour map

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	b (mm)	d (mm)	dV/dt (V/μs)	ESR @1kHz (mΩ)	I _{max} (A) (70°C)	Part number
500 VDC/ 250 VAC	5	32.0	25.0	15.0	27.5	-	0.8	43	10.4	5	RT8538A501505
	8	32.0	28.0	18.0	27.5	-	0.8	43	9.2	6	RT8538A501805
	10	32.0	38.0	24.0	27.5	-	0.8	43	7.4	7	RT8538A501106
	12	32.0	38.0	24.0	27.5	-	0.8	43	6.3	8	RT8538A501126
	15	32.0	38.0	24.0	27.5	-	0.8	43	4.9	10	RT8538A501156
	20	32.0	38.0	24.0	27.5	-	0.8	43	3.7	12	RT8538A501206
	27	42.0	37.0	28.0	37.5	-	0.8	27	5.8	11	RT8538A501276
	30	42.0	37.0	28.0	37.5	10.0	1.0	27	5.2	12	RT8538A501306
	35	42.0	42.5	28.0	37.5	10.0	1.0	27	4.5	13	RT8538A501356
	40	42.0	42.5	28.0	37.5	10.0	1.0	27	3.9	15	RT8538A501406
	45	42.0	42.5	28.0	37.5	10.0	1.2	27	3.5	16	RT8538A501456
	50	42.0	45.0	30.0	37.5	12.7	1.2	27	3.1	17	RT8538A501506
	55	57.0	45.0	30.0	52.5	20.0	1.2	18	6	14	RT8538A501556
	60	57.0	45.0	30.0	52.5	20.0	1.2	18	5.4	15	RT8538A501606
	70	57.0	45.0	30.0	52.5	20.0	1.2	18	4.6	16	RT8538A501706
	75	57.0	50.0	35.0	52.5	20.0	1.2	18	4.3	17	RT8538A501756
	80	57.0	50.0	35.0	52.5	20.0	1.2	18	4	18	RT8538A501806
	100	57.0	50.0	35.0	52.5	20.0	1.2	18	3.2	21	RT8538A501107
700 VDC/ 300 VAC	5	32.0	25.0	15.0	27.5	-	0.8	75	15.1	6.9	RT8538A701505
	8	32.0	28.0	18.0	27.5	-	0.8	75	11.9	8.3	RT8538A701805
	10	32.0	38.0	24.0	27.5	-	0.8	50	6.4	9.0	RT8538A701106
	12	32.0	38.0	24.0	27.5	-	0.8	50	5.3	10	RT8538A701126
	15	32.0	38.0	24.0	27.5	-	0.8	50	4.3	11	RT8538A701156
	20	42.0	37.0	28.0	37.5	10.0	1.0	31	6.7	10	RT8538A701206
	25	42.0	37.0	28.0	37.5	10.0	1.0	31	5.4	12	RT8538A701256
	30	42.0	42.5	28.0	37.5	12.7	1.0	31	4.5	14	RT8538A701306
	35	42.0	45.0	30.0	37.5	12.7	1.2	31	3.9	15	RT8538A701356
	40	57.0	45.0	30.0	52.5	12.7	1.2	21	6.9	13	RT8538A701406
	45	57.0	45.0	30.0	52.5	12.7	1.2	21	6.1	14	RT8538A701456
	50	57.0	45.0	30.0	52.5	20.0	1.2	21	5.5	15	RT8538A701506
	70	57.0	50.0	35.0	52.5	20.0	1.2	21	5.2	19	RT8538A701706
	80	57.0	50.0	35.0	52.5	20.0	1.2	21	4.9	24	RT8538A701806
	85	57.0	55.0	45.0	52.5	20.0	1.2	21	4.8	25	RT8538A701856
	90	57.0	55.0	45.0	52.5	20.0	1.2	21	4.6	26	RT8538A701906
	95	57.0	55.0	45.0	52.5	20.0	1.2	21	4.4	27	RT8538A701956
	100	57.0	55.0	45.0	52.5	20.0	1.2	21	4.2	28	RT8538A701107

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	b (mm)	d (mm)	dV/dt (V/μs)	ESR @1kHz (mΩ)	I _{max} (A) (70°C)	Part number
900 VDC/ 400 VAC	5	32.0	25.0	15.0	27.5	-	0.8	57	11.2	6	RT8538A901505
	8	32.0	38.0	24.0	27.5	-	0.8	57	10.7	12	RT8538A901805
	10	32.0	38.0	24.0	27.5	12.7	0.8	57	5.6	10	RT8538A901106
	12	32.0	38.0	24.0	27.5	12.7	1.0	57	5.5	12	RT8538A901126
	22	42.0	42.5	28.0	37.5	20.0	1.0	36	5.4	14	RT8538A901226
	25	42.0	45.0	30.0	37.5	20.0	1.2	36	4.7	14	RT8538A901256
	27	42.0	45.0	30.0	37.5	20.0	1.2	36	4.4	14	RT8538A901276
	30	57.0	45.0	30.0	52.5	20.0	1.2	24	8.1	12	RT8538A901306
	35	57.0	45.0	30.0	52.5	20.0	1.2	24	6.9	13	RT8538A901356
	45	57.0	50.0	35.0	52.5	20.0	1.2	24	5.4	16	RT8538A901456
	50	57.0	50.0	35.0	52.5	20.0	1.2	24	4.9	17	RT8538A901506
	55	57.0	50.0	35.0	52.5	20.0	1.2	24	4.4	18	RT8538A901556
	60	57.0	55.0	45.0	52.5	20.0	1.2	24	6.1	19	RT8538A901606
	65	57.0	55.0	45.0	52.5	20.0	1.2	24	5.6	20	RT8538A901656
1100 VDC/ 500 VAC	5	32.0	38.0	24.0	27.5	-	0.8	106	7.6	8	RT8538A112505
	8	32.0	38.0	24.0	27.5	-	1.0	106	8.0	8	RT8538A112805
	10	42.0	37.0	28.0	37.5	12.7	1.0	64	8.4	9	RT8538A112106
	12	42.0	42.5	28.0	37.5	12.7	1.0	64	7.0	11	RT8538A112126
	14	42.0	42.5	28.0	37.5	12.7	1.0	64	6.0	12	RT8538A112146
	16	42.0	45.0	30.0	37.5	12.7	1.0	64	5.2	13	RT8538A112166
	20	57.0	45.0	30.0	52.5	20.0	1.2	41	8.9	11	RT8538A112206
	22	57.0	45.0	30.0	52.5	20.0	1.2	41	8.1	12	RT8538A112226
	25	57.0	50.0	35.0	52.5	20.0	1.2	41	7.1	13	RT8538A112256
	30	57.0	50.0	35.0	52.5	20.0	1.2	41	5.9	15	RT8538A112306
	35	57.0	55.0	45.0	52.5	20.0	1.2	20	8.4	14	RT8538A112356
	40	57.0	55.0	45.0	52.5	20.0	1.2	20	7.8	15	RT8538A112406
1300 VDC/ 550 VAC	3	32.0	28.0	18.0	27.5	-	0.8	128	16.0	5	RT8538A132305
	4	32.0	38.0	24.0	27.5	-	0.8	128	7.1	9	RT8538A132405
	7	42.0	37.0	28.0	37.5	10.0	1.0	77	10.0	9	RT8538A132705
	8	42.0	37.0	28.0	37.5	12.7	1.0	77	8.8	9	RT8538A132805
	11	42.0	45.0	30.0	37.5	12.7	1.2	77	6.4	12	RT8538A132116
	12	57.0	45.0	30.0	52.5	12.7	1.2	50	12.4	9	RT8538A132126
	15	57.0	45.0	30.0	52.5	20.0	1.2	50	9.9	11	RT8538A132156
	20	57.0	50.0	35.0	52.5	20.0	1.2	50	7.5	13	RT8538A132206
	22	57.0	50.0	35.0	52.5	20.0	1.2	50	6.8	14	RT8538A132226
	30	57.0	55.0	45.0	52.5	20.0	1.2	23	6.8	15	RT8538A132306
	35	57.0	55.0	45.0	52.5	20.0	1.2	23	6.0	17	RT8538A132356



RT8568A 吸收薄膜电容器 Snubber Film Capacitor

特点

Features

- 高脉冲强度、高接触可靠性
- 自感(LS)小、等效串联电阻(ESR)小
- High pulse strength and high contact reliability
- Low LS, Low ESR

应用

Application

- IGBT 吸收电路
- IGBT snubber circuit

性能参数

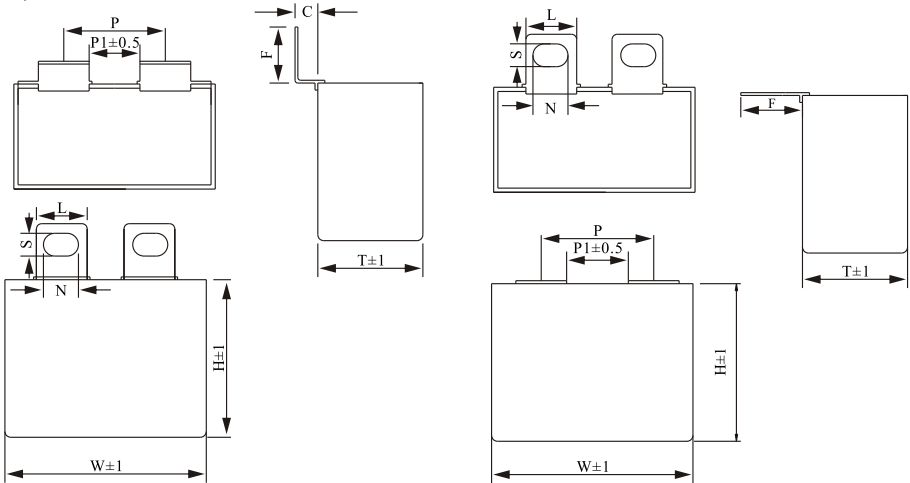
Technical data

■ 容量范围 Capacitance range	0.047 μF ~ 6.5 μF (技术参数表格中范围)			■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C
■ 额定电压 Rated Voltage	630 V _{DC} ~ 3000 V _{DC}			■ 贮存温度范围 Storage temperature range	-40 °C ~ 105 °C
■ 电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %			■ 耐电压 Voltage Endurance	极间: 1.6 U _N (10 s) Between Terminals
■ 介质损耗角正切 Dissipation factor tgδ (10 ⁻³ @ 20°C)	@	C _N ≤ 0.1 μF 0.1 μF < C _N ≤ 1 μF		■ 安装 Installation	任意方向 Any position
	1 KHz	-	0.5	■ 最大电极扭矩 Max torque of electrode	M6: 5N.m
	10 KHz	-	0.8		
	100 KHz	5.0	-		
	C _N > 1 μF	C _R > 1 μF		■ 湿度 Humidity	95 % (T _{test} =56 days)
	0.5	0.5		■ 最高使用海拔 Maximum Altitude	2000 m
1.5	1.5				
■ 绝缘电阻 Insulation Resistance (at 20°C 100V _{DC} ,60S)	C _N ≤ 0.33 μF 100 GΩ C _N > 0.33 μF 30000 s			■ 预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C

▶ 产品编码说明
 Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	5	6	8	A	1	1	2	4	7	7	J	2	0	0
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 8=直流 / 8=DC																
第7位相数 /Number 7 Number of phases A=单相 / A=One-phase C=三相 / C=Three-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例：112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例：477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差 /Number 14 Capacitance Tolerance J=±5 %，K=±10 %，M=±20 %																
第15位引出方式 /Number 15 Lead out mode 1=铜线 / 1=Copper wire 2=铜片 / 2=Copper sheet 5=插针 / 5=Pin 0=定制化 / 0= Customization																
第16位引线中心距 / Number 16 Lead pitch 1=27.5mm 2=37.5mm 3=52.5mm 0=定制化 / 0= Customization																
第17位端子类型 /Number 17 Terminal type 6=插针0.8mm / 6= Pin 0.8mm 7=插针1 mm / 7= Pin 1mm 8=插针1.2mm / 8= Pin 1.2mm 9=插针2.0mm / 9= Pin2.0mm 0=定制化 / 0= Customization																

▶ 外形图
 The contour map



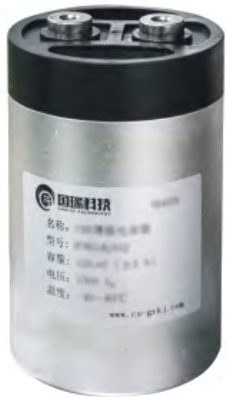
▶ 规格表
 The contour map

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	dV/dt (V/μs)	Ĥ (A)	ESR @1kHz (mΩ)	L _s (nH)	I _{max} (A) (70°C)	Part number
850 VDC	0.47	37	25	15	1200	564	5.0	23	15	RT8568A851474
	0.68	37	30	16	1200	816	5.0	23	16	RT8568A851684
	1.00	37	34	20	1200	1200	5.0	23	17	RT8568A851105
	1.20	37	34	20	1200	1440	5.0	23	17.5	RT8568A851125
	1.50	37	34	20	1200	1800	5.0	23	18	RT8568A851155
	2.00	42	40	20	750	1500	4.5	29	19	RT8568A851205
	2.20	42	40	20	750	1650	4.5	29	19.5	RT8568A851225
	2.50	42	44	24	750	1875	4.5	29	20	RT8568A851255
	3.00	42	44	24	750	2250	4.5	29	21	RT8568A851305
	3.30	42	45	30	750	2475	4.5	29	21.5	RT8568A851335
	4.00	57	45	30	450	1800	4.0	33	23	RT8568A851405
	4.70	57	45	30	450	2115	4.0	33	24.5	RT8568A851475
	5.00	57	45	30	450	2250	4.0	33	25	RT8568A851505
	6.00	57	50	35	450	2700	4.0	33	26	RT8568A851605
1000 VDC	0.47	37	25	15	1300	611	5.0	23	14	RT8568A102474
	0.68	37	30	16	1300	884	5.0	23	15	RT8568A102684
	0.82	37	30	16	1300	1066	5.0	23	16	RT8568A102824
	1.00	37	34	20	1300	1300	4.5	23	17	RT8568A102105
	1.20	42	40	20	850	1020	4.5	29	16	RT8568A102125
	1.50	42	40	20	850	1275	4.5	29	16	RT8568A102155
	2.00	42	44	24	850	1700	4.5	29	17	RT8568A102205
	2.20	42	44	24	850	1870	4.0	29	20	RT8568A102225
	2.50	42	45	30	850	2125	4.0	29	21	RT8568A102255
	3.00	42	45	30	850	2550	4.0	29	21.5	RT8568A102305
	3.30	42	43	42	850	2805	4.0	29	22	RT8568A102335
	4.00	57	45	30	500	2000	4.0	33	21	RT8568A102405
	4.70	57	50	35	500	2350	4.0	33	22	RT8568A102475
	5.00	57	50	35	500	2500	4.0	33	23	RT8568A102505

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	dV/dt (V/μs)	İ (A)	ESR @1kHz (mΩ)	L _S (nH)	I _{max} (A) (70°C)	Part number
1200 VDC	0.33	37	25	15	1500	495	4.5	23	15	RT8568A122334
	0.47	37	30	16	1500	705	4.5	23	16	RT8568A122474
	0.68	37	34	20	1500	1020	4.5	23	17	RT8568A122684
	0.82	42	40	20	950	779	4.0	29	18	RT8568A122824
	1.00	42	40	20	950	950	4.0	29	19	RT8568A122105
	1.20	42	44	24	950	1140	4.0	29	19	RT8568A122125
	1.50	42	44	24	950	1425	4.0	29	19.5	RT8568A122155
	2.00	42	45	30	950	1900	4.0	29	20	RT8568A122205
	2.20	42	43	42	950	2090	4.0	29	21	RT8568A122225
	2.50	42	43	42	950	2375	4.0	29	22	RT8568A122255
	3.00	57	45	30	600	1800	3.8	33	22	RT8568A122305
	3.30	57	50	35	600	1980	3.8	33	23	RT8568A122335
	4.00	57	50	35	600	2400	3.8	33	24	RT8568A122405
	0.22	37	25	15	1900	418	6.0	23	15	RT8568A152224
1500 VDC	0.33	37	30	16	1900	627	6.0	23	15.5	RT8568A152334
	0.39	37	34	20	1900	741	5.5	23	16	RT8568A152394
	0.47	37	34	20	1900	893	5.5	23	17	RT8568A152474
	0.68	42	40	20	1250	850	3.5	29	18	RT8568A152684
	0.82	42	44	24	1250	1025	3.5	29	19	RT8568A152824
	1.00	42	45	30	1250	1250	3.5	29	19.5	RT8568A152105
	1.20	42	45	30	1250	1500	3.5	29	20	RT8568A152125
	1.50	57	45	30	750	1125	3.0	33	22	RT8568A152155
	2.00	57	50	35	750	1500	3.0	33	24	RT8568A152205
	0.15	37	25	15	2000	300	7.0	23	14	RT8568A172154
1700 VDC	0.22	37	30	16	2000	440	6.0	23	15	RT8568A172224
	0.33	37	34	20	2000	660	5.5	23	15.5	RT8568A172334
	0.39	37	34	20	2000	780	5.5	23	16	RT8568A172394
	0.47	42	36	24	1260	592	4.0	29	16	RT8568A172474
	0.56	42	36	24	1260	706	4.0	29	17	RT8568A172564
	0.68	42	44	24	1260	857	3.5	29	18	RT8568A172684
	0.82	42	44	24	1260	1033	3.5	29	19	RT8568A172824
	1.00	57	45	25	780	780	3.5	33	18	RT8568A172105
	1.20	57	43.5	29.5	780	936	3.5	33	19	RT8568A172125
	1.50	57	50	35	780	1170	3.0	33	22	RT8568A172155
	2.00	57	50	35	780	1560	3.0	33	24	RT8568A172205
	3.00	57	55	45	780	2340	3.0	33	28	RT8568A172305

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	dV/dt (V/μs)	İ (A)	ESR @1kHz (mΩ)	L _S (nH)	I _{max} (A) (70°C)	Part number
2000 VDC	0.10	37	25	15	2241	224	8.0	23	14	RT8568A202104
	0.15	37	25	15	2241	336	8.0	23	15	RT8568A202154
	0.22	37	30	16	2241	493	6.0	23	15.5	RT8568A202224
	0.33	37	34	20	2241	740	6.0	23	16	RT8568A202334
	0.47	42	40	20	1300	611	4.0	29	17	RT8568A202474
	0.56	42	44	24	1300	728	4.0	29	18	RT8568A202564
	0.68	42	44	24	1300	884	3.5	29	18.5	RT8568A202684
	0.82	42	45	30	1300	1066	3.5	29	19	RT8568A202824
	1.00	57	45	30	850	850	4.0	33	24	RT8568A202105
	1.20	57	45	30	850	1020	4.0	33	23	RT8568A202125
	1.50	57	50	35	850	1275	4.0	33	24	RT8568A202155
	0.068	37	25	15	3230	220	8.5	23	14	RT8568A252683
2500 VDC	0.100	37	30	16	3230	323	8.5	23	15	RT8568A252104
	0.150	37	34	20	3230	485	8.0	23	16	RT8568A252154
	0.180	37	34	20	3230	581	7.5	23	17	RT8568A252184
	0.220	42	40	20	2100	462	4.0	29	17	RT8568A252224
	0.330	42	44	24	2100	693	4.0	29	17.5	RT8568A252334
	0.470	42	45	30	2100	987	3.5	29	18	RT8568A252474
	0.680	42	43	42	2100	1428	3.5	29	18.5	RT8568A252684
	1.000	57	50	35	1200	1200	3.5	33	19.5	RT8568A252105
3000 VDC	0.047	37	25	15	3361	158	8.5	23	13	RT8568A302473
	0.068	37	30	16	3361	229	8.0	23	14	RT8568A302683
	0.100	37	34	20	3361	336	7.5	23	15	RT8568A302104
	0.150	37	34	20	3361	504	7.0	23	15.5	RT8568A302154
	0.220	42	40	20	2050	451	5.0	29	16	RT8568A302224
	0.330	42	45	30	2050	677	4.5	29	16.5	RT8568A302334
	0.470	42	43	42	2050	964	4.0	29	18	RT8568A302474
	0.680	57	50	35	1200	816	4.0	33	19	RT8568A302684
	0.820	57	50	35	1200	984	3.5	33	20	RT8568A302824

RT8639A 交流滤波薄膜电容器
AC filter Film Capacitor



特点
Features

- 等效串联电阻(ESR)小，能承受较大的纹波电流
- 自感(LS)小、具有自愈性、寿命长
- Low ESR , high ripple current handing capabilities
- Low LS , self-healing property, long lifetime

应用
Application

- 广泛应用于电力电子设备中作滤波用
- 在大功率UPS、变频器等设备中作交流滤波
- Widely used in power electronic equipment used to the AC filter
- In the high-power UPS 、 inverter and other equipment for the AC filter

性能参数
Technical data

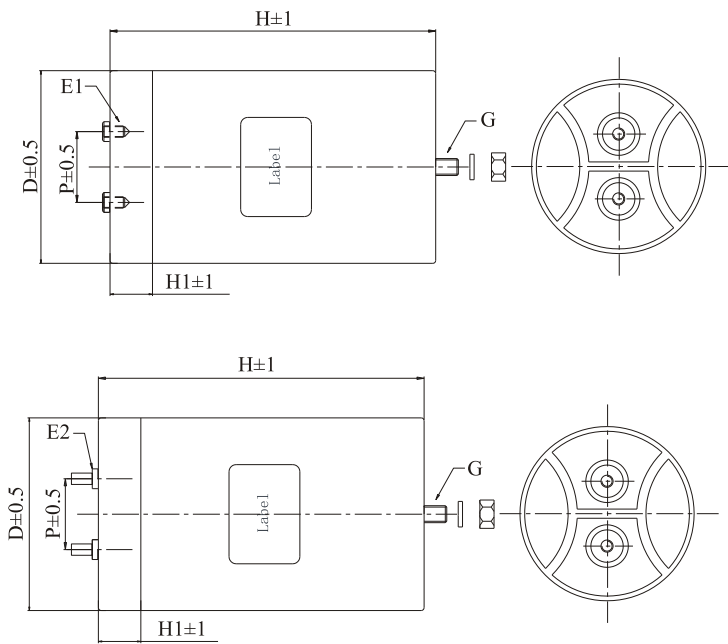
容量范围 Capacitance range	10 μF ~ 500 μF	过电压 Overvoltage	一天之内最长持续时间 (The longest duration/day) 1.1 U _N : 有负荷时间的30% (30% of on-load-dur) 1.15 U _N : 30min/day 1.2 U _N : 5min/day 1.3 U _N : 1min/day 1.5 U _N : 30ms every time ,1000times during the life of the capacitor
额定电压 Rated Voltage	330 V _{AC} ~ 850 V _{AC}		
电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %		
介质损耗角正切 Dissipation factor tgδ	≤0.002(25 °C, 100 Hz)		
运行温度范围 Operating temperature range	-40 °C ~ 85 °C	最大电极扭矩 Max torque of electrode	M6: 5 N.m M8: 6 N.m
贮存温度范围 Storage temperature range	-40 °C ~ 105 °C	最大安装扭矩 Max torque of installation	12 N.m
耐电压 Voltage Endurance	极间: 1.5 U _N (10 s) Between Terminals 极壳之间:√2 U _N +1000 V (10 s) Terminals to Case	湿度 Humidity	95 % (T _{Test} =56 days)
		最高使用海拔 Maximum Altitude	2000 m
安装 Installation	螺栓M12 Threaded bolt M12	预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C

产品编码说明
Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	6	3	9	A	1	1	2	4	7	7	J	3	4	2
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 9=交流 / 9=AC “6” 交流频率 < 10 kHz “9” 交流频率 ≥ 10 kHz																
第7位相数 /Number 7 Number of phases A=单相 / A=One-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例： 112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例： 477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差/Number 14 Capacitance Tolerance J=±5 % , K=±10 % , M=±20 %																
第15位引出方式 /Number 15 Lead out mode 3=螺栓式 / 3= Bolt type 4=螺孔式 / 4=Screw hole type																
第16位引线中心距 / Number 16 Lead pitch 4=32 mm 7=45 mm 6=50 mm																
第17位端子类型 /Number 17 Terminal type 2=M6 3=M8																

外形图

The contour map



尺寸

Measuerment

ΦD (mm)	P(mm)	H1(mm)	G	E1	E2
76	32	20	M12X16	M6X10	M6X20
86	32	20	M12X16	M6X10	M6X20
96	45	20	M12X16	M6X10	M6X20
116	45	30	M12X16	M8X10	M8X20
116	50	22	M12X16	M8X10	M8X20
136	50	30	M12X16	M8X10	M8X20

规格表

The contour map

U_N	C_N (μF)	ΦD (mm)	H (mm)	ESR @1kHz (m Ω)	LS (nH)	I_{max} (A) (60°C)	Part number
330VAC	80	76	80	4	40	30	RT8639A331806
	120	86	80	2.8	40	40	RT8639A331127
	150	96	80	3.5	45	50	RT8639A331157
	170	76	130	3.2	50	6	RT8639A331177
	230	86	130	2.4	50	70	RT8639A331237
	300	96	130	2.8	50	75	RT8639A331307
	420	116	130	1.9	6	80	RT8639A331427
450 VAC	50	76	80	4	40	30	RT8639A451506
	65	86	80	2.8	50	40	RT8639A451656
	80	96	80	3.5	45	50	RT8639A451806
	100	76	130	3.2	50	60	RT8639A451107
	130	86	130	2.4	45	70	RT8639A451137
	160	96	130	2.8	50	75	RT8639A451167
	250	116	130	1.9	60	80	RT8639A451257
690VAC	40	76	130	2.8	50	30	RT8639A691406
	50	76	150	2.4	45	35	RT8639A691506
	60	86	130	2.2	45	40	RT8639A691606
	65	86	150	1.8	50	45	RT8639A691656
	75	96	130	1.5	50	50	RT8639A691756
	80	96	150	1.2	55	60	RT8639A691806
	110	116	130	0.8	60	65	RT8639A691117
	120	116	150	0.6	65	75	RT8639A691127
850 VAC	25	76	130	1.5	50	35	RT8639A851256
	30	76	150	1.2	60	40	RT8639A851306
	32	86	130	1.15	45	50	RT8639A851326
	45	86	150	1.05	50	50	RT8639A851456
	40	96	130	1	50	50	RT8639A851406
	60	96	150	0.9	60	60	RT8639A851606
	60	116	130	0.85	60	65	RT8639A851606
	90	116	150	0.8	65	75	RT8639A851906

RT8639C 三相交流滤波薄膜电容器
Three-phase AC filterFilm Capacitor



特点
Features

- 耐压高、具有自愈性
- 高纹波电流、高dv/dt承受能力
- 容量大、体积小
- Resistance to high voltage
- High pulse Current、Higher dv/dt endurance
- Large capacity , small size

应用
Application

- 广泛应用于电力电子设备中作滤波用
- 在大功率UPS、变频器等设备中作交流滤波
- 适用于三相功率因数校正、LC滤波
- Widely used in power electronic equipment used to the AC filter
- In the high-power UPS 、inverter and other equipment for the AC filter
- Suitable for power factor correction and LC filter

性能参数
Technical data

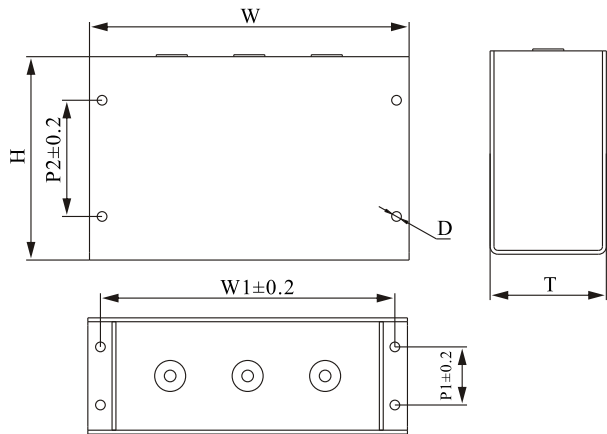
■ 容量范围 Capacitance range	3X4 μF ~ 3X500 μF	■ 过电压 Overvoltage	一天之内最长持续时间 (The longest duration/day) 1.1 U _N : 有负荷时间的30 % (30 % of on-load-dur) 1.15 U _N : 30min/day 1.2 U _N : 5min/day 1.3 U _N : 1min/day 1.5 U _N : 30ms every time ,1000times during the life of the capacitor
■ 额定电压 Rated Voltage	400 V _{AC} ~ 1140 V _{AC} (50 Hz)		
■ 电容量允许偏差 Capacitance Tolerance	J:±5 % , K:±10 %		
■ 介质损耗角正切 Dissipation factor tgδ	≤0.002 (25 °C, 100 Hz)		
■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C	■ 最大电极扭矩 Max torque of electrode	M6: 5 N.m M8: 6 N.m
■ 贮存温度范围 Storage temperature range	-40 °C ~ 105 °C	■ 最大安装扭矩 Max torque of installation	5 N.m
■ 耐电压 Voltage Endurance	极间: 2.15 U _N (10 s) Between Terminals 极壳之间:√2 U _N +1000 V (10 s) Terminals to Case	■ 湿度 Humidity	95 % (T _{Test} =56 days)
		■ 最高使用海拔 Maximum Altitude	2000 m
■ 安装 Installation	螺栓M4, M6 Threaded bolt M4, M6	■ 预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C

产品编码说明
Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	6	3	9	C	1	1	2	4	7	7	J	4	0	2
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 9=交流 / 9=AC																
第7位相数 /Number 7 Number of phases C=三相 /C= Three-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例：112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例：477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差/Number 14 Capacitance Tolerance J=±5 %，K=±10 %，M=±20 %																
第15位引出方式 /Number 15 Lead out mode 1=铜线 / 1=Copper wire 3=螺栓式 / 3= Bolt type 4=螺孔式 / 4=Screw hole type 0=定制化 / 0= Customization																
第16位引线中心距 / Number 16 Lead pitch 0=定制化 / 0= Customization																
第17位端子类型 /Number 17 Terminal type 2=M6 3=M8 0=定制化 / 0= Customization																

外形图

The contour map



规格表

The contour map

U _N	C _N (μF)	W (mm)	H (mm)	T (mm)	dV/dt (V/μs)	Î (A)	I _{max} (A) (70°C)	ESR @1kHz (mΩ)	R _{th} (k/W)	Part number
400VAC	3x200	265	170	120	50	10.0	3x70	3x0.95	1.1	RT8639C401207
	3x300	265	235	120	40	12.0	3x90	3x0.85	0.8	RT8639C401307
	3x400	335	235	120	35	14.0	3x120	3x0.80	0.7	RT8639C401407
	3x500	405	235	120	30	15.0	3x160	3x0.78	0.6	RT8639C401507
500VAC	3x4	165	105	60	70	5.0	3x 30	3x1.8	0.6	RT8639C501405
	3x7	165	105	60	70	5.0	3x 30	3x1.6	0.6	RT8639C501705
	3x10	165	105	60	70	5.0	3x 30	3x1.6	0.6	RT8639C501106
	3x120	265	170	120	60	7.2	3x50	3x1.2	1.1	RT8639C501127
	3x180	265	235	120	50	9.0	3x70	3x1.05	0.8	RT8639C501187
	3x240	335	235	120	45	10.8	3x100	3x1.0	0.7	RT8639C501247
690VAC	3x300	405	235	120	40	12.0	3x120	3x0.9	0.6	RT8639C501307
	3x50	265	170	120	100	5.0	3x50	3x2.3	1.1	RT8639C691506
	3x75	265	235	120	90	6.8	3x70	3x2.1	0.8	RT8639C691756
	3x100	335	235	120	80	8.0	3x100	3x1.6	0.7	RT8639C691107
1140VAC	3x125	405	235	120	80	10.0	3x120	3x1.3	0.6	RT8639C691127
	3x42	380	200	175	120	5.0	3x80	3x3.3	0.6	RT8639C112426
	3x60	460	250	175	100	6.0	3x100	3x2.8	0.5	RT8639C112606

RT8718A 谐振薄膜电容器
Resonant Film Capacitor

特点

Features

- 耐压高、损耗(tgδ)小
- 高脉冲电流、高dv/dt承受能力
- 自感(LS)小、等效串联电阻(ESR)小
- Resistance to high voltage , low tgδ
- High pulse Current , Higher dv/dt endurance
- Low LS , low ESR

应用

Application

- 应用于电力电子中的串/并谐振电路
- 应用于电力电子开关器件关断时的尖峰电压，尖峰电流吸收保护
- Apply to series parallel resonant circuit in power electronics
- Apply to peak voltage and peak current absorption protection when power electronic switching devices turn off

性能参数

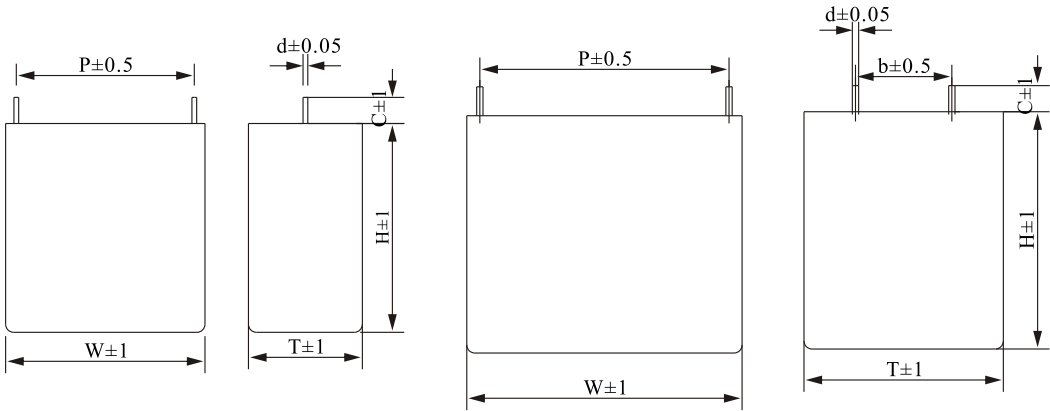
Technical data

■ 容量范围 Capacitance range	0.1 μF ~ 10 μF	■ 安装 Installation	任意方向 Any position
■ 额定电压 Rated Voltage	1200 V _{DC} ~ 4000 V _{DC}	■ 湿度 Humidity	95 % (T _{test} =56 days)
■ 电容量允许偏差 Capacitance Tolerance	J:± 5 % , K:± 10 %	■ 最高使用海拔 Maximum Altitude	2000 m
■ 介质损耗角正切 Dissipation factor tgδ	≤0.001 (1 KHz)	■ 预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70°C
■ 运行温度范围 Operating temperature range	-40 °C ~ 85 °C		
■ 贮存温度范围 Storage temperature range	-40 °C ~ 105 °C		
■ 耐电压 Voltage Endurance	极间: 1.5 U _N (10 s) Between Terminals		

▶ 产品编码说明
 Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	7	1	8	A	1	1	2	4	7	7	J	5	1	6
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 8=直流 / 8=DC																
第7位相数 /Number 7 Number of phases A=单相 / A=One-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例：112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例：477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差/Number 14 Capacitance Tolerance J=±5 %，K=±10 %，M=±20 %																
第15位引出方式 /Number 15 Lead out mode 4=螺孔式 / 4=Screw hole type 5=插针 / 5=Pin 0=定制化 / 0= Customization																
第16位引线中心距 / Number 16 Lead pitch 1=27.5mm 2=37.5mm 3=52.5mm 0=定制化 / 0= Customization																
第17位端子类型 /Number 17 Terminal type 2=M6 3=M8 6=插针0.8mm / 6= Pin 0.8mm 7=插针1 mm / 7= Pin 1mm 8=插针1.2mm / 8= Pin 1.2mm 9=插针2.0mm / 9= Pin2.0mm 0=定制化 / 0= Customization																

▶ 外形图
 The contour map



▶ 规格表
 The contour map

U _N	C _N (μF)	W (mm)	T (mm)	H (mm)	d (mm)	P (mm)	b (mm)	ESR @100kHz (mΩ)	ESL (nH)	dV/dt (V/μs)	Î (A)	I _{max} (A) (70°C)	Part number
1200 VDC, Urms 500 VAC, Us1500 V	0.22	42.5	14	28	1	37.5	-	15	26	1300	286	8	RT8718A122224
	0.47	42.5	24.5	27.5	1.2	37.5	-	11	24	1200	564	10	RT8718A122474
	0.68	42.5	33.5	35.5	1	37.5	20.3	7	23	1100	748	12	RT8718A122684
	1	42.5	33.5	35.5	1.2	37.5	20.3	6	22	800	800	14	RT8718A122105
	1.5	42.5	33	45	1	37.5	10.2	5	20	800	1200	15	RT8718A122155
	2	57.5	30	45	1.2	52.5	20.3	4	30	750	1500	20	RT8718A122205
	2.5	57.5	35	50	1	52.5	10.2	4	28	700	1750	25	RT8718A122255
	3	57.5	35	50	1	52.5	10.2	4	27	600	1800	25	RT8718A122305
	3.3	57.5	38	54	1.2	52.5	10.2	4	27	550	1815	28	RT8718A122335
	3.5	57.5	38	54	1.2	52.5	10.2	3.5	25	500	1750	28	RT8718A122355
	4	57.5	42.5	56	1.2	52.5	10.2	3.5	25	450	1800	30	RT8718A122405
	4.7	57.5	42.5	56	1.2	52.5	10.2	3.2	23	420	1974	32	RT8718A122475
1700 VDC Urms 575 VAC, Us2250 V	0.22	42.5	14	28	1.2	37.5	-	15	26	1500	330	9	RT8718A172224
	0.33	42.5	24.5	27.5	1.2	37.5	-	12	25	1300	429	10	RT8718A172334
	0.47	42.5	24.5	27.5	1.2	37.5	-	10	24	1300	611	10	RT8718A172474
	0.68	42.5	35.5	35.5	1	37.5	20.3	8	23	1300	884	12	RT8718A172684
	1	42.5	33	45	1.2	37.5	20.3	7	22	1200	1200	15	RT8718A172105
	1.5	42.5	33	45	1	37.5	10.2	6	22	1200	1800	18	RT8718A172155
	1.5	57.5	30	45	1.2	52.5	20.3	5	31	1200	1800	20	RT8718A172155
	2	57.5	30	45	1.2	52.5	20.3	5	30	1100	2200	22	RT8718A172205
	2.5	57.5	35	50	1	52.5	10.2	4	28	1100	2750	25	RT8718A172255
	3	57.5	38	54	1.2	52.5	10.2	4	27	700	2100	25	RT8718A172305
	3.3	57.5	38	54	1.2	52.5	10.2	3.8	26	600	1980	28	RT8718A172335
	3.5	57.5	42.5	56	1.2	52.5	10.2	3.5	25	500	1750	30	RT8718A172355
2000 VDC, Urms 700 VAC, Us3000 V	4	57.5	42.5	56	1.2	52.5	10.2	3.2	25	450	1800	32	RT8718A172405
	0.22	42.5	24.5	27.5	1.2	37.5	-	15	25	1500	330	10	RT8718A202224
	0.33	42.5	33.5	35.5	1	37.5	20.3	12	24	1500	495	12	RT8718A202334
	0.47	42.5	33.5	35.5	1	37.5	20.3	11	23	1400	658	15	RT8718A202474
	0.68	42.5	33	45	1	37.5	10.2	8	22	1200	816	18	RT8718A202684
	0.68	57.5	30	45	1.2	52.5	20.3	7	30	1100	748	20	RT8718A202684
	0.82	42.5	33	45	1	37.5	10.2	7	28	1200	984	22	RT8718A202824
	1	57.5	30	45	1.2	52.5	20.3	6	28	1100	1100	25	RT8718A202105
	1.5	57.5	35	50	1	52.5	10.2	5	25	1000	1500	28	RT8718A202155
	2	57.5	38	54	1.2	52.5	10.2	5	24	800	1600	28	RT8718A202205
	2.2	57.5	42.5	56	1.2	52.5	10.2	425	23	700	1540	32	RT8718A202225
	3000 VDC, Urms 750 VAC, Us4500 V	0.15	42.5	33	45	1	37.5	20.3	18	28	2500	375	25
0.22		42.5	33	45	1	37.5	10.2	15	27	2200	484	28	RT8718A302224
0.22		57.5	35	50	1.2	52.5	10.2	15	25	2000	330	20	RT8718A302224
0.33		57.5	35	50	1.2	52.5	10.2	12	24	1800	495	20	RT8718A302334
0.47		57.5	38	54	1	52.5	10.2	11	23	1600	752	22	RT8718A302474
0.68	57.5	42.5	56	1.2	52.5	10.2	8	22	1500	1020	28	RT8718A302684	

RT8578A 高压脉冲薄膜电容器

High Voltage Pulsed Film Capacitor



特点

Features

- 等效串联电阻(ESR)小，能承受较大的纹波电流
- 自感(LS)小、具有自愈性、寿命长
- Low ESR , high ripple current handing capabilities
- Low LS , self-healing property, long lifetime

应用

Application

- GTO中突波的吸收
- 高纹波电流直流滤波应用
- 高压脉冲，高频应用
- Damping of voltage spikes on GTO-Thyristors
- High ripple current D.C. filtering
- For high pulse and high frequency application

性能参数

Technical data

容量范围 Capacitance range	0.1 μF ~ 8 μF	安装 Installation	无支架 stentless
额定电压 Rated Voltage	1200 V _{DC} ~ 4000 V _{DC}	最大电极扭矩 Max torque of electrode	M6: 5 N.m M8: 6 N.m
电容量允许偏差 Capacitance Tolerance	J:± 5 % , K:± 10 %	湿度 Humidity	95 % (T _{test} =56 days)
介质损耗角正切 Dissipation factor tgδ	≤0.002 (1 KHz, 25 °C)	最高使用海拔 Maximum Altitude	2000 m
运行温度范围 Operating temperature range	-40 °C ~ 85 °C	预期寿命 Lifetime Expectancy	100 000 h @U _N ; θ _{hotspot} ≤ 70 °C
贮存温度范围 Storage temperature range	-40 °C ~ 105 °C		
耐电压 Voltage Endurance	极间: 1.5 U _N (10 s) Between Terminals		
绝缘电阻 Insulation Resistance (at 20°C 100VDC,60S)	10 000 s		

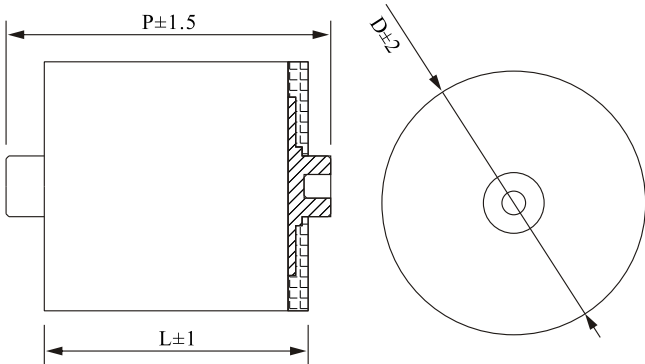
产品编码说明

Part number sysem

型号代码 Model code					电压 类型 Voltage type	相数 Number of phases	额定电压 Rated voltage			标称容量 Nominal capacity			电容量 允许 偏差 Capacitance Tolerance	引出 方式 Lead out mode	引线中 心距 Lead pitch	端子 类型 Terminal type
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
R	T	8	5	7	8	A	1	1	2	4	7	7	J	4	/	2
第1~5位 型号代码 / Number 1~5 Model code																
第6位 电压类型 / Number 6 Voltage type 8=直流 / 8=DC																
第7位相数 /Number 7 Number of phases A=单相 / A=One-phase																
第8~10位额定电压 /Number 8~10 Rated voltage 例：112=11×10 ² V=1100 V, 451=45×10 ¹ V=450 V																
第11~13位标称容量 /Number 11~13 Nominal capacity 例：477=47×10 ⁷ pF=47×10 ⁴ nF=470 μF																
第14位电容量允许偏差/Number 14 Capacitance Tolerance J=±5 % , K=±10 % , M=±20 %																
第15位引出方式 /Number 15 Lead out mode 4=螺孔式 / 4=Screw hole type 5=插针 / 5=Pin 0=定制化 / 0= Customization																
第16位引线中心距 / Number 16 Lead pitch /																
第17位端子类型 /Number 17 Terminal type 2=M6 3=M8 0=定制化 / 0= Customization																

外形图

The contour map



▶ 规格表
 The contour map

U _N	C _N (μF)	ΦD (mm)	L (mm)	ESR @100kHz (mΩ)	ESL (nH)	dV/dt (V/μs)	I _{max} (A) (70°C)	Part number
1200 VDC	0.47	45	32	2.7	10	1500	40	RT8578A122474
	0.68	46	32	2.6	10	1500	40	RT8578A122684
	1.0	64	32	2.3	10	1000	52	RT8578A122105
	1.5	45	47	2.2	10	1000	40	RT8578A122155
	2.0	59	40	2.1	10	800	55	RT8578A122205
	2.2	61	40	2.1	10	800	55	RT8578A122225
	3.3	54	60	2	10	800	50	RT8578A122335
	4.7	64	60	1.9	10	500	50	RT8578A122475
	5.0	66	60	1.9	10	500	60	RT8578A122505
	6.0	72	60	1.8	10	500	65	RT8578A122605
	8.0	83	60	1.8	10	500	70	RT8578A122805
1600 VDC	0.1	44	44	3	15	1500	35	RT8578A162104
	0.2	65	44	2.9	15	1500	50	RT8578A162204
	0.3	75	44	2.8	15	1500	55	RT8578A162304
	0.47	45	32	2.7	10	1500	40	RT8578A162474
	0.68	46	32	2.6	10	1500	40	RT8578A162684
	1.0	43	40	2.3	10	1000	38	RT8578A162105
	1.5	45	47	2.2	10	1000	40	RT8578A162155
	2.0	59	40	2.1	10	800	55	RT8578A162205
	2.2	61	40	2.1	10	800	55	RT8578A162225
	2.5	58	47	2.1	10	800	50	RT8578A162255
	3.0	51	60	2	10	800	45	RT8578A162305
	3.3	54	60	2	10	800	50	RT8578A162335
	4.7	64	60	1.9	10	500	50	RT8578A162475
	5.0	66	60	1.9	10	500	60	RT8578A162505
	8.0	83	60	1.8	10	500	70	RT8578A162805

U _N	C _N (μF)	ΦD (mm)	L (mm)	ESR @100kHz (mΩ)	ESL (nH)	dV/dt (V/μs)	I _{max} (A) (70°C)	Part number
2000 VDC	0.1	44	44	3	15	1500	35	RT8578A202104
	0.2	65	44	2.9	15	1500	50	RT8578A202204
	0.47	45	32	2.7	10	1500	40	RT8578A202474
	0.68	54	32	2.5	10	1500	48	RT8578A202684
	0.75	56	32	2.5	10	1500	50	RT8578A202754
	1.0	43	40	2.3	10	1000	38	RT8578A202105
	1.5	45	47	2.2	10	1000	40	RT8578A202155
	2.2	61	40	2.1	10	800	54	RT8578A202225
	2.5	58	47	2.1	10	800	45	RT8578A202255
	3.0	51	60	2	10	800	45	RT8578A202305
	3.3	54	60	2	10	800	47	RT8578A202335
	4.7	64	60	1.9	10	500	57	RT8578A202475
	5.0	66	60	1.8	10	500	60	RT8578A202505
	6.0	72	60	1.8	10	500	65	RT8578A202605
	8.0	83	60	1.8	10	500	72	RT8578A202805
3000 VDC	0.1	44	44	3	15	1500	30	RT8578A302104
	0.2	65	44	2.9	15	1500	55	RT8578A302204
	0.47	48	44	2.7	15	1500	35	RT8578A302474
	0.5	50	44	2.7	15	1500	40	RT8578A302504
	0.68	57.5	44	2.6	15	1500	45	RT8578A302684
	0.8	62	44	2.5	15	1500	50	RT8578A302804
	0.9	65	44	2.4	15	1500	55	RT8578A302904
	1.0	69	44	2.3	15	1000	60	RT8578A302105
	1.2	75	44	2.3	15	1000	65	RT8578A302125
	1.5	84	44	2.2	15	1000	70	RT8578A302155
	1.8	92	44	2	15	1000	75	RT8578A302185
	2.0	97	44	2	15	800	80	RT8578A302205
4000 VDC	0.1	44	44	2.8	15	1500	30	RT8578A402104
	0.2	65	44	2.7	15	1500	45	RT8578A402204
	0.47	54	44	2.5	15	1500	40	RT8578A402474
	0.68	64	44	2.3	15	1500	50	RT8578A402684
	1.0	77	44	2.3	15	1000	65	RT8578A402105
	1.2	85	44	2.3	15	1000	70	RT8578A402125
	1.5	94	44	2.3	15	1000	80	RT8578A402155

我们的产品 已广泛应用

Our products
have been
extensively
applied



应用于：变流器、变频器、逆变器、脉冲发生器、高频电源、脉冲电源、功率补偿等。

Application: Current transformer、Frequency transformer、Inverter、Pulse generator、High frequency power supply、Pulse power supply、Power compensation, etc.

After sales guarantee 售后保障 安心无忧

公司不断提高企业核心竞争力，并时刻关注 **服务能力** 的提升。

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The company continues to improve the core competitiveness of the enterprise, and always pay attention to the improvement of service capacity.

We actively join ISES, TERMINEXUS, Singapore VISTA, Siemens Global Warranty Service System to provide 24-hour fast, sincere, and thoughtful service.

Guorui Technology, with science and technology to outline the infinite possibilities of service, warm the world every route.



 **24小时售后热线：400-101-5915**