

可锐 GRACE

电路保护元件及解决方案提供商

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业务咨询



可锐微信公众号

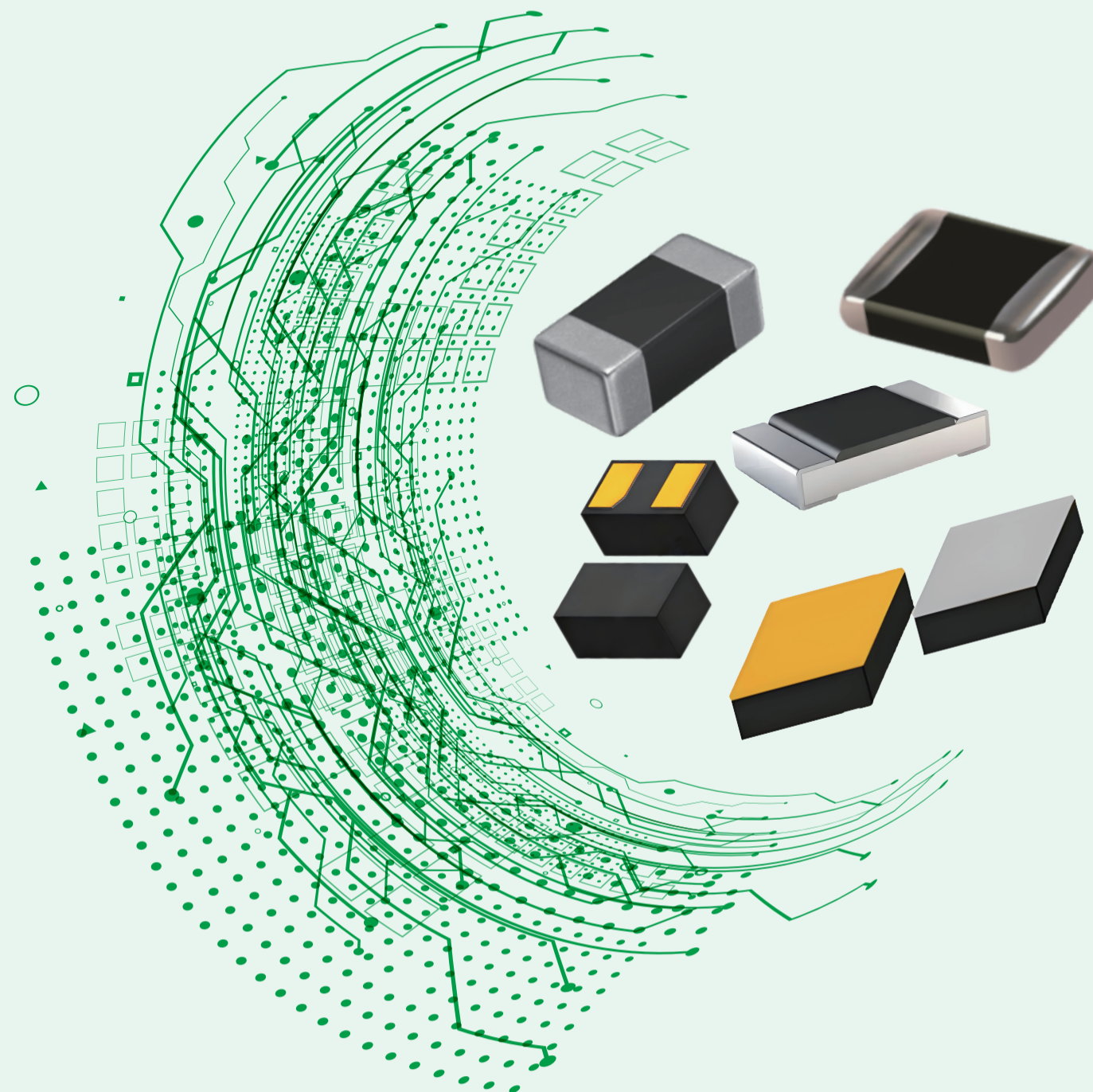


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GRACE

东莞可锐电子科技有限公司

Dongguan Grace Electronic Technology Co., LTD



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公司介绍

Corporate Overview

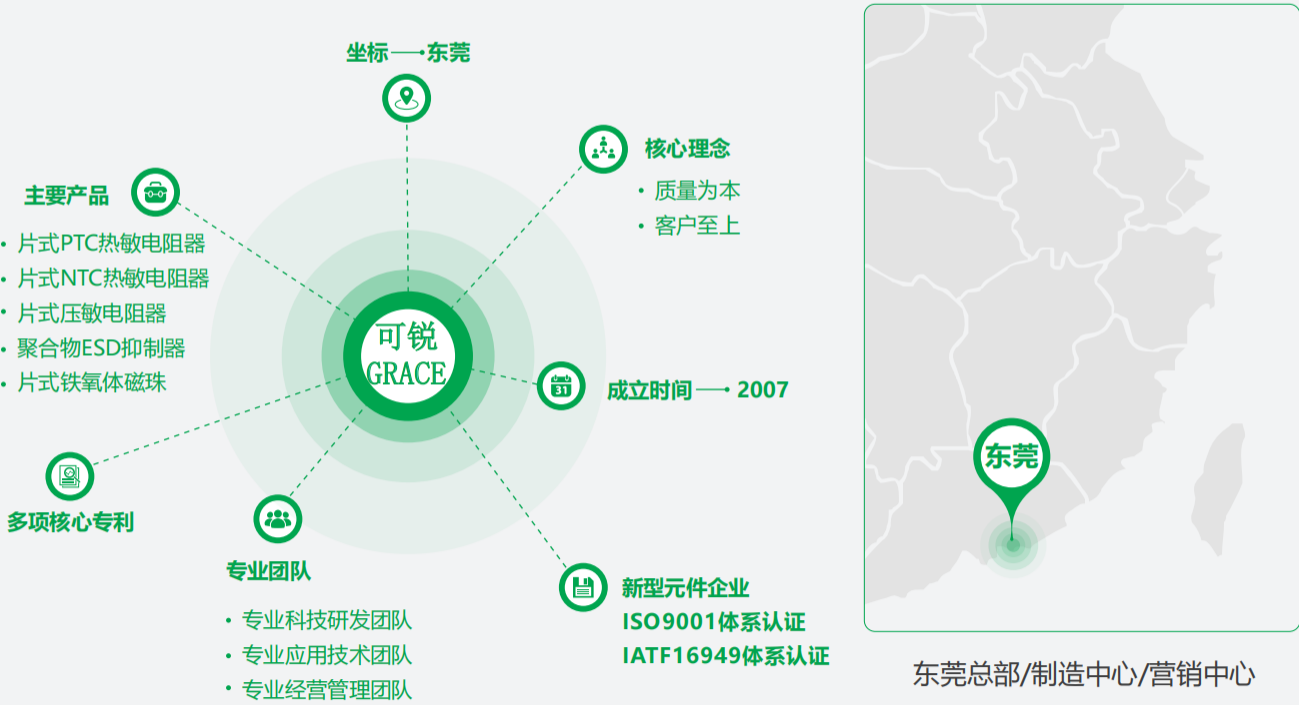
可锐GRACE 品牌创建于2007年，最初在香港成立，后在中国台湾，深圳，东莞等地设立分支机构及子公司，为客户提供敏感元件产品定制服务及电路保护系统化应用解决方案。

2022年4月，公司在东莞市茶山镇投资2500万元建立数字化智造车间，引进国内外先进设备及行业尖端人才携技术管理平台等优势资源致力于打造立足中国，面向全球的新时代高端电子元器件产品线，并致力于成为全球中高端电路保护产品及应用解决方案提供商。



GRACE was founded in 2007. It was initially established in Hong Kong and then subsequently expanded its presence by setting up branches and subsidiaries in Taiwan, Shenzhen, Dongguan, and other parts of China, providing customers with customized sensitive component products and systematic circuit protection application solutions.

In April 2022, the company invested RMB 25 million to establish a digital intelligent manufacturing workshop in Chashan Town, Dongguan. By introducing advanced domestic and international equipment, recruiting top-tier industry talents, and leveraging technological management platforms and other strategic resources, GRACE is dedicated to building a new-era high-end electronic component product line rooted in China with a global outlook. The company aims to become a world-class provider of mid-to-high-end circuit protection products and application solutions.



企业文化

Corporate Culture

使命 Mission

- 科技提升创新动力
- 让电路更安全

愿景 Vision

- 以价值客户为中心，保持产品先进性，力争成为新型电子元器件行业先导型企业。

价值观 Values

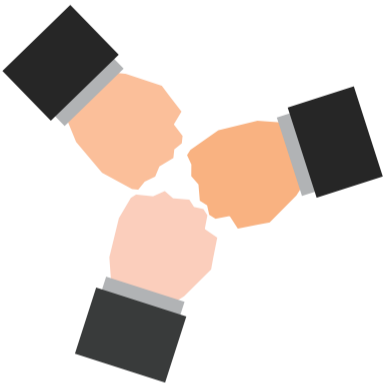
- 客户第一 / 务实创新 / 诚信正直 / 合作共赢。



质量方针

Quality Policy

- 全员参与
- 质量为本
- 科技创新
- 持续改进
- 追求卓越
- 客户满意



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质量管理体系

Quality Management System



ISO 9001:2015体系证书



IATF 16949:2016体系证书

专利证书

Letters Patent

二十年以上的敏感元件技术沉淀，是国内早期从事NTC热敏电阻和压敏电阻产品项目开发制造的元老级成员，有着较强的产品技术水平及质量保障优势。

目前已累计获取授权专利证书十数项！



核心技术

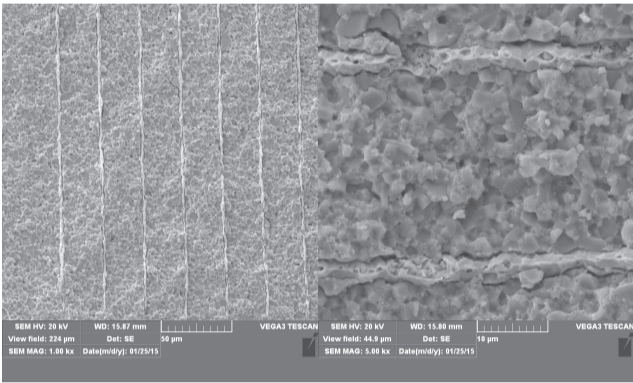
Core Advantage

材料技术



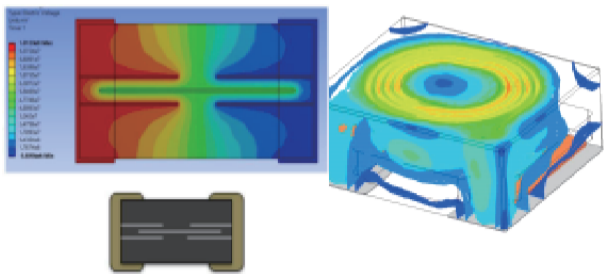
- 高通流密度、高能量吸收能力压敏材料
- 高稳定性高精度NTC材料
- 低温烧结材料

制造技术



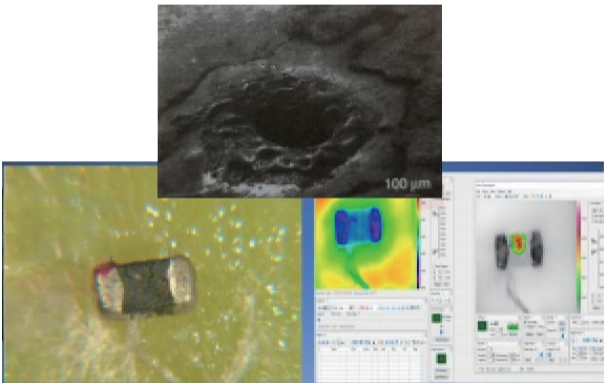
- 高稳定性压热敏材料粉体制备工艺
- 精细电极印刷及共烧技术

设计技术



- 多物理仿真平台

检测与分析技术



- 失效点精准分析技术
- 失效模拟发生检测技术

产品应用领域

Product Application



物联网及AI



消费电子



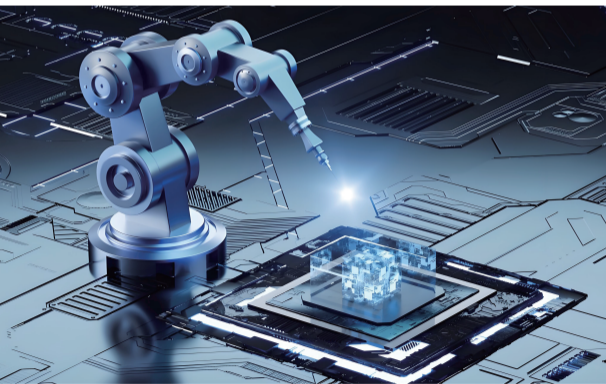
医疗器械



智能交通



安防与通讯

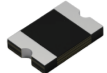


工业系统

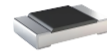
产品目录

Product Directory

Chip PTC Thermistor

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic		
					Resistance at 25 ℃	Hold Current at 25℃ (mA)	Sensing Temp. (℃)
	KPTC-P	High Reliability	Over Current Protection	0603[1608]-1210[3225]	15 Ω ~1500 Ω	10 ~ 90	/
	KPTC-S	Quick response	Overheat Sensing	0402[1005]-0805[2012]	15 Ω ~47000 Ω	/	65 ~ 150
	KPTC-F	High Reliability	Over Current Protection	0201[0603]-1812[4532]	0.002 Ω ~15 Ω	10 ~10000	/

Chip NTC Thermistor

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic	
					Resistance at 25 ℃	B constant
	KNTC-N	Blocky structure	Temperature Sensing	0402[1005]-1206[3216]	15 Ω ~ 2M Ω	2750 ~ 4500
	KNTC-E	Multilayer Internal structure	Temperature Sensing	01005[0402]-0603[1608]	10 Ω ~ 1M Ω	3000 ~ 4750
	KNTC-T	Thick Film	Temperature Sensing	0603[1608]-1206[3216]	15 Ω ~ 5M Ω	2650 ~ 4500
	KNTC-S	Single Layer	Temperature Sensing	Customization	4.7K Ω ~ 100K Ω	3435 ~ 4400

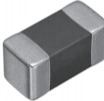
产品目录

Product Directory

Polymer ESD suppressors

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic	
					Continuous Max Operating Voltage (V)	Capacitance (pF)
	KESD-U	Ultra-low capacitance	For ESD protection	0402[1005]-0603[1608]	5 ~ 30	0.15 @1MHZ
	KESD-E	Extra-low capacitance	For ESD protection	0201[0603]-0603[1608]	5 ~ 30	0.05pF @1MHZ

Multilayer Chip Varistors

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic		
					Varistor Voltage(V)	Capacitance (pF)	Peak Current 8/20us (A)
	KRMV-G	General	For ESD / Surge protection	0201[0603]-3220[8050]	6.8 ~ 150	60 ~ 18000 @1KHZ	5 ~ 1500
	KRMV-S	low capacitance	For ESD protection	0201[0603]-0603[1608]	8 ~ 160	0.5 ~ 100 @1MHZ	1 ~ 10
	KRMV-H	High voltage	For Surge protection	0604[1610]-4840[12CL]	120 ~ 680	30 ~ 500 @1KHZ	40 ~ 2000
	KRMV-E	High energy	For Surge protection	0805[2012]-3220[8050]	5 ~ 150	120 ~ 21000 @1KHZ	80 ~ 8000

产品目录

Product Directory

Multilayer Chip Ferrite Beads

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic	
					Impedance Range(Ω)	Rated Current(mA)
	KRFB-G	General	Signal lines	0201[0603]-1206[3216]	0 ~ 2500	50 ~ 2200
	KRFB-S	High speed	Signal lines	0201[0603]-0805[2012]	0 ~ 2700	50 ~ 1000
	KRFB-L	large current	Signal and power lines	0201[0603]-1806[4516]	0 ~ 1000	450 ~ 6000
	KRFB-UL	Ultra large current	power lines	0201[0603]-0805[2012]	0 ~ 1000	900 ~ 6000
	KRFB-EL	Extra large current	power lines	0402[1005]-1612[4030]	10 ~ 220	2000 ~ 10000
	KRFB-F	High frequency noise	Signal lines	0402[1005]-0603[1608]	120 ~ 1800	50 ~ 300
	KRFB-FL	High frequency and Large current	Signal and power lines	0402[1005]-0603[1608]	120 ~ 1500	150 ~ 2000
	KRFB-AS	High speed	audio lines	0402[1005]-1210[3225]	30 ~ 1000	230 ~ 10000
	KRFB-AF	High frequency noise	audio lines	0402[1005]-0603[1608]	100 ~ 4600	270 ~ 1600

产品目录

Product Directory

Automotive Chip NTC Thermistor

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic	
					Resistance at 25 $^{\circ}\text{C}$	B constant
	AKNTC-N	Blocky structure	Temperature Sensing	0402[1005] - 0805[2012]	10K Ω ~ 470K Ω	3380 ~ 4150
	AKNTC-E	Multilayer Internal structure	Temperature Sensing	0402[1005] - 0603[1608]	10K Ω ~ 100K Ω	3380 ~ 4250

Automotive Multilayer Chip Varistors

Product Image	Series	Features	application	Dimensions EIA[JIS]	Product Characteristic		
					Varistor Voltage(V)	Capacitance (pF)	Peak Current 8/20us (A)
	AKRMV-G	General	For ESD / Surge protection	0402[1005]-3220[8050]	8 ~ 120	100 ~ 18000 @1KHZ	10 ~ 1500
	AKRMV-S	low capacitance	For ESD protection	0201[0603]-0603[1608]	8 ~ 160	0.5 ~ 100 @1MHZ	1 ~ 10
	AKRMV-E	High energy	For Surge protection	0805[2012]-3220[8050]	8 ~ 120	120 ~ 21000 @1KHZ	80 ~ 8000