

全员参与 · 持续改善 · 追求质量零缺陷

电容器专业制造商

CAPACITOR MANUFACTURER

——致力于被动元件的超越者
以品质、技术、服务满足科技时代的需求

四川特锐祥科技股份有限公司
SICHUAN TRX TECHNOLOGY CO.,LTD



电容器专业制造商

致力于被动元件的超越者,以品质、技术、服务
满足科技时代的需求。

Capacitor manufacturer

We are committed to the surpassing of
passive components, to meet the needs of
the technological age with
quality, technology, and service.



COMPANY INTRODUCTION

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公司介绍

四川特锐祥科技股份有限公司成立于2014年,注册资本1亿元,位于四川省绵阳市(中国科技城)游仙经济开发区,是一家专业从事被动元器件产品研发与制造的高科技企业。其历史可追溯到2004年成立的深圳特锐祥电子有限公司,经过十多年的快速发展,特锐祥已经发展成为国内同行业处于领先地位的被动元器件生产企业。

Sichuan TRX Technology Co.Ltd was established in 2014 with registered capital of 100 millions yuan, located in Youxian Economic Development Zone of mianyang(China Science and Technology City).It's a High-enterprise specializing in the R&D and manufacturing of passive components.It's history can be traced back to the establishment of shenzhen TRX Electronics Co.Ltd in 2004.After more than 10 years of rapid development TRX technology has developed into a leading passive component manufacture in China.


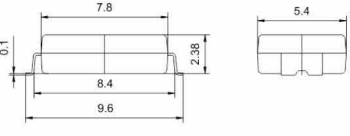

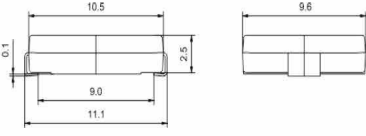



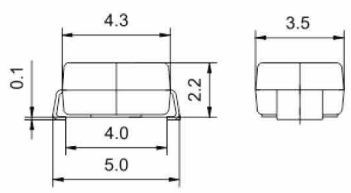

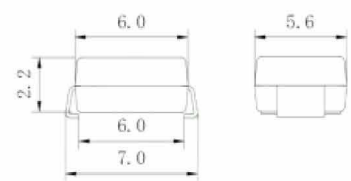

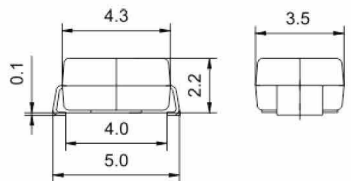
PRODUCT INTRODUCTION 产品介绍

贴片系列 SMD-Series

卧式贴片陶瓷电容器是我司自主研发的新产品,并获得多项专利。卧式贴片电容器采用芯片水平的装配方式,大大节约了装配空间;采用水平焊接引出两极,应用于整机PCB SMT装配,大大提高了装配效率;采用模具塑胶封装本体,使得外形尺寸标准统一;卧式贴片电容器具有体积小、重量轻、可靠性高、抗振能量强、焊点缺陷率低、高频特性好、减少了电磁和射频干扰等特点;广泛应用于电路中的隔直通交,耦合,旁路,滤波,调谐回路,能量转换,控制等方面。

SMD-Y.CAP is a new product independently developed by our company and has obtained many patents. The chip of SMD-Y.CAP is adopted horizontal assembly mode which greatly saves assembly space; horizontal welding leads out two poles and is applied to PCB of the whole machine SMT assembly, which greatly improve the assembly efficiency; use the abrasive plastic packaging the main body make the overall dimension standard unified SMD-Y.CAP has small size, light weight, high reliability, strong anti vibration energy low solder joint defect rate, good high frequency characteristics, reducing electromagnetic and radio frequency interference widely used in circuit isolation cross-over, coupling, bypass, filtering, tuning Loop, energy conversion, control, etc.

	<p>小型卧式贴片单层陶瓷Y1电容器采用高Q低损芯片技术,产品稳定性、可靠性更优。额定电压400VAC,耐压4KVAC,脉冲峰值电压8KV,电路中抑制共模干扰,用于跨接一二次侧。</p> <p>SMD-Y1.CAP adopts high Q low loss chip technology, product stability, reliability is better. Rated voltage 400VAC, withstand voltage 4KVAC, pulse peak voltage 8KV, circuit to suppress common mode interference used for connecting primary and secondary side.</p> <p>贴片安规Y1电容器 TRX SMD-Y1.CAP 10PF-2200PF</p> <p>温度特性 (Temperature characteristic): SL, B, E, F 容量偏差 (Tolerance): J (+5%), K (±10%), M (±20%) 耐电压 (Voltage): 400VAC 绝缘电阻 (Insulation resistance): ≥6000MΩ 脉冲电压 (Impulse voltage): 8KVAC 阻燃等级 (Passive flammability): B 漏电流 (Leakage current): ≤5mA</p> 
	<p>小型卧式贴片单层陶瓷Y1电容器的高容部分,容值680pf-10000pf,耐久性好,耐高温、抗振能力强、抗弯强度高、焊点缺陷率低、高频特性好、SMT贴片自动化程度高等特点;额定电压400VAC,耐压4KVAC,脉冲峰值电压8KV,电路中抑制共模干扰,用于跨接一二次侧。</p> <p>Large capacity expansion type of SMD-Y1.CAP capacitance value is 680pf-10000pf, good durability, high temperature resistance, strong vibration resistance, high bending strength, low solder joint defect rate, good high frequency characteristics, high automation degree of SMT patch; Rated voltage 400VAC, withstand voltage 4KVAC, pulse peak voltage 8KV, circuit to suppress common mode, interference, used for connecting primary and secondary side.</p> <p>贴片安规Y1电容器 TRX SMD-Y1.CAP 680PF-10000PF</p> <p>温度特性 (Temperature characteristic): B, E, F 容量偏差 (Tolerance): K (±10%), M (±20%) 耐电压 (Voltage): 400VAC 绝缘电阻 (Insulation resistance): ≥6000MΩ 脉冲电压 (Impulse voltage): 8KVAC 阻燃等级 (Passive flammability): B 漏电流 (Leakage current): ≤5mA</p> 


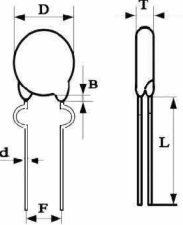

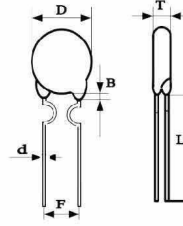
	<p>小型卧式贴片单层陶瓷Y2电容器,具有体积小可靠性高、耐久性好、耐高温、抗振能力强、抗弯曲强度高、焊点缺陷率低、高频特性好、SMT贴片自动化程度高等特点;产品额定电压300VAC,耐压2.6KVAC,可承受5KV脉冲电压,电路中抑制共模干扰,用于跨接一次侧对保护大地即FG线。</p> <p>SMD-Y2.CAP has the characteristics of small size, high reliability, good durability, high temperature resistance, strong vibration resistance, high bending strength, low solder joint defect rate, good high frequency characteristics, high degree of automation of SMT patch; Rated voltage 300VAC, withstand voltage 2.6KVAC, can withstand 5KV pulse voltage, circuit to suppress common mode interference, used to cross the primary side to protect the ground, namely FG line.</p> <p>贴片安规Y2电容器 SMD-Y2.CAP (2PF-2200PF)</p> <p>温度特性 (Temperature characteristic): SL, B, E, F 容量偏差 (Tolerance): J (±5%), K (±10%), M (±20%) 耐电压 (Voltage): 260VAC 绝缘电阻 (Insulation resistance): ≥6000MΩ 脉冲电压 (Impulse voltage): 5KVAC 阻燃等级 (Passive flammability): B 漏电流 (Leakage current): ≤5mA</p> 
	<p>小型卧式贴片单层陶瓷Y2电容器,具有体积小可靠性高、耐久性好、耐高温、抗振能力强、抗弯曲强度高、焊点缺陷率低、高频特性好、SMT贴片自动化程度高等特点;产品额定电压300VAC,耐压2.6KVAC,可承受5KV脉冲电压,电路中抑制共模干扰,用于跨接一次侧对保护大地即FG线。</p> <p>SMD-Y2.CAP has the characteristics of small size, high reliability, good durability, high temperature resistance, strong vibration resistance, high bending strength, low solder joint defect rate, good high frequency characteristics, high degree of automation of SMT patch; Rated voltage 300VAC, withstand voltage 2.6KVAC, can withstand 5KV pulse voltage, circuit to suppress common mode interference, used to cross the primary side to protect the ground, namely FG line.</p> <p>贴片安规Y2电容器 SMD-Y2.CAP (680PF-4700PF)</p> <p>温度特性 (Temperature characteristic): B, E, F 容量偏差 (Tolerance): K (±10%), M (±20%) 耐电压 (Voltage): 260VAC 绝缘电阻 (Insulation resistance): ≥6000MΩ 脉冲电压 (Impulse voltage): 5KVAC 阻燃等级 (Passive flammability): B 漏电流 (Leakage current): ≤5mA</p> 
	<p>贴片高压陶瓷电容器,产品体积小、SMT贴片自动化程度高;额定电压1-6KVDC,具有可靠性高、耐久性好、耐高温、抗振能力强、抗弯曲强度高、焊点缺陷率低、高频特性好等优点;适用于电子设备中使用的具有确定温度系数(I类介质),具有高介电常数(II类介质)和具有半导体性质(III类介质)的瓷介固定电容器。</p> <p>SMB-DC.CAP, product size is small, SMT high degree of automation; Rated voltage 1-6KVDC, has the advantages of high reliability, good durability, high temperature resistance, strong vibration resistance, high bending strength, low solder joint defect rate, good high frequency characteristics, etc. Applicable to electronic equipment used in the temperature coefficient (I medium) for sure, with a high dielectric constant (II medium) and with characteristics (III medium) of semiconductor ceramic dielectric fixed capacitor.</p> <p>贴片高压瓷片电容器 SMB-DC.CAP</p> <p>温度特性 (Temperature characteristic): SL, B, E, F 容量偏差 (Tolerance): J (±5%), K (±10%), M (±20%) 耐电压 (Voltage): 1500VDC 绝缘电阻 (Insulation resistance): ≥4000MΩ 阻燃等级 (Passive flammability): B</p> 

PRODUCT INTRODUCTION 产品介绍

插件系列 DIP-Series

广泛应用于电源线的链接, 旁路, 耦合和开关浪涌抑制器等其他电子和电气设备。Y1交流陶瓷电容器用于额定电压不超过1000V的交流电, 标称频率不超过100Hz的电子电气设备。

DIP-Y1.CAP are widely in power line linking, bypass, coupling and switching surge suppressore and other electronic and electrical equipment. Y1 AC ceramic capacitor is used for electronic and electrical equipment with rated voltage not exceeding 1000V and nominal frequency not exceeding 100Hz.

	<p>插件式单层陶瓷Y1电容器, 额定电压500VAC, 耐压4KVAC, 脉冲峰值电压8KV。产品可靠性高、耐久性好、高频特性优, 在电路中抑制共模干扰, 用于跨接一二次侧。</p> <p>DIP-Y1.CAP rated voltage 500VAC, withstand voltage 4KVAC, peak pulse voltage 8KV. The product has high reliability, good durability and excellent high frequency characteristics, which can suppress common mode interference in the circuit and is used for connecting the first and second side.</p>  <p>插件Y1电容 DIP-Y1.CAP 温度特性 (Temperature characteristic) : SL、B、E、F 容量偏差 (Tolerance) : J (±5%)、K (±10%)、M (±20%) 耐电压 (Voltage) : 4000VAC 绝缘电阻 (Insulation resistance) : ≥6000MΩ 脉冲电压 (Impulse voltage) : 8KVAC</p>
	<p>插件式单层直流瓷片电容器, 额定电压1-12KVDC, 产品可靠性高、耐久性好、耐高温、高频特性优等, 适用于电子设备中使用的具有确定温度系数(I类介质), 具有高介电常数(II类介质)和具有半导体性质(III类介质)的瓷介固定电容器。</p> <p>DIP-DC.CAP, rated voltage 1-12 KDC, product reliability, durability, good frequency characteristic, high temperature resistant, master, apply to electronic equipment used in the temperature coefficient (I medium), for sure, with a high dielectric constant (II medium) and with characteristics (III medium) of semiconductor ceramic dielectric fixed capacitor.) of semiconductor ceramic dielectric fixed capacitor.</p>  <p>插件高压瓷片电容 DIP-DC.CAP 温度特性 (Temperature characteristic) : SL、B、E、F 容量偏差 (Tolerance) : J (±5%)、K (±10%)、M (±20%) 耐电压 (Voltage) : 1500VDC 绝缘电阻 (Insulation resistance) : ≥4000MΩ 阻燃等级 (Passive flammability) : 8KVAC</p>

PRODUCT SELECTION 产品选型表

四川特锐祥科技股份有限公司 产品选型表							
系列	容值	料号	电压	安规认证	材质(温度特性)	封装	容量公差
TRX SMD-Y1.CAP	10PF/22PF 47PF/68PF	TMY1100J/TMY1220J TMY1470J/TMY1680J	400VAC 250VAC	CQC/KC UL/ENEC	SL (SL)	7854 7.8*5.4*2.38	J(±5%)
	100PF/220PF 330PF/470PF	TMY1101K/TMY1221K TMY1331K/TMY1471K	400VAC 250VAC	CQC/KC UL/ENEC	Y5P (B)	7854 7.8*5.4*2.38	K(±10%)
	470PF/680PF 1000PF/1500PF	TMY1471M/TMY1681M TMY1102M/TMY1152M	400VAC 250VAC	CQC/KC UL/ENEC	Y5U (E)	7854 7.8*5.4*2.38	M(±20%)
	2200PF	TMY1222M	400VAC 250VAC	CQC/KC UL/ENEC	Y5V (F)	7854 7.8*5.4*2.38	M(±20%)
TRX SMD-Y1.CAP 高容系列	680PF/1000PF	TGY1681K TGY1102K	400VAC 250VAC	CQC/KC UL/ENEC	Y5P (B)	10596 10.5*9.6*2.58	K(±10%)
	2200PF/3300PF 4700PF	TGY1222M/TGY1332M TGY1472M	400VAC 250VAC	CQC/KC UL/ENEC	Y5U (E)	10596 10.5*9.6*2.58	M(±20%)
	10000PF	TGY1103M	400VAC 250VAC	CQC/KC UL/ENEC	Y5V (F)	10596 10.5*9.6*2.58	M(±20%)
TL SMD-Y2.CAP	22PF/47PF	TBY2220KSL TBY2470KSL	300VAC 250VAC	CQC/KC UL/ENEC	SL (SL)	4335 4.3*3.5*2.2	K(±10%)
	68PF/100PF 220PF/330PF	TBY2680KB/TBY2101KB TBY2221KB/TBY2331KB	300VAC 250VAC	CQC/KC UL/ENEC	Y5P (B)	4335 4.3*3.5*2.2	K(±10%)
	470PF/680PF 1000PF	TBY2471ME/TBY2681ME TBY2102ME	300VAC 250VAC	CQC/KC UL/ENEC	Y5U (E)	4335 4.3*3.5*2.2	M(±20%)
	1500PF/2200PF	TBY2152MF TBY2222MF	300VAC 250VAC	CQC/KC UL/ENEC	Y5V (F)	4335 4.3*3.5*2.2	M(±20%)
TL SMD-Y2.CAP 高容系列	680PF/1000PF	TGY2681KB TGY2102KB	300VAC 250VAC	CQC/KC UL/ENEC	Y5P (B)	6056 6.0*5.6*2.2	K(±10%)
	2200PF/3300PF	TGY2222ME TGY2332ME	300VAC 250VAC	CQC/KC UL/ENEC	Y5U (E)	6056 6.0*5.6*2.2	M(±20%)
	4700PF	TGY2472MF	300VAC 250VAC	CQC/KC UL/ENEC	Y5V (F)	6056 6.0*5.6*2.2	M(±20%)
SMD-DC.CAP TB系列	2PF-2200PF	参考规格书	1KV、2KV 3KV	/	SL (SL)、Y5P (B)、 Y5U (E)、Y5V (F)	4335 4.3*3.5*2.2	K(±10%) M(±20%)
SMD-DC.CAP TC系列	680PF-4700PF	参考规格书	1KV、2KV 3KV	/	Y5P (B)、Y5U (E)、 Y5V (F)	6056 6.0*5.6*2.2	K(±10%) M(±20%)
SMD-DC.CAP TD系列	680PF-10000PF	参考规格书	1KV、2KV 3KV	/	Y5P (B)、Y5U (E)、 Y5V (F)	10596 10.5*9.6*2.58	K(±10%) M(±20%)
TY DIP-Y1.CAP	100PF-4700PF	参考规格书	500VAC	CQC/KC/VDE UL/ENEC	Y5P (B)、Y5U (E) Y5V (F)	/	K(±10%) M(±20%)
备注1	具体参数以spec为准						
备注2	其他问题请咨询联络TRX销售部门或代理商						
备注3	高容量系列产品针对有更高容值要求、更稳定温度表现客户及应用开发						

PRODUCT FEATURES 产品特色

产品超薄化 Product of ultra-thin

实现降低混合集成电路元器件高度
Reduce the height of hybrid IC components

空间集约化 Space-Intensive

降低HIC总面积及厚度,实现混合集成电路产品小型化
Reduce the total area and thickness of HIC and realize miniaturization of hybrid IC products

背贴设计 backing design

使其远离正面其他功率型元器件
Away from other power-type front components

可靠性提高 Enhance reliability

避免热击穿失效;避免元件间发生极间拉弧放电
To avoid thermal breakdown failure and to avoid inter electrode ARC discharge between components

自动表贴 Automatic surface mount

卷盘编带包装,适应SMT自动表贴
Tape packaging, suitable for SMT automatic surface mount

提升客户产品质量 Enhance product quality

提高客户生产效率,节约人工及系统成本,提高客户产品质量一致性水平
Improve customer production efficiency, save labor and system costs, improve the consistency level of product quality

PRODUCT APPLICATION 产品应用

特锐祥拥有丰富的被动元器件研发、生产与销售的经验,公司产品可广泛应用于开关电源、LED电源、不间断电源、家电控制板、安防、工业控制、智能电表、储能等领域。

TRX has rich experience in R&D, production and sales of passive components. The company's products can be widely used in switching power supply, LED power supply, uninterruptible power supply, home appliance control panel, security, industrial control, smart meters, energy storage and other fields.

通讯

Communication



LED照明

LED lighting



电力系统

Power Systems



消费电子

Consumer electronics



航天航空

Aerospace

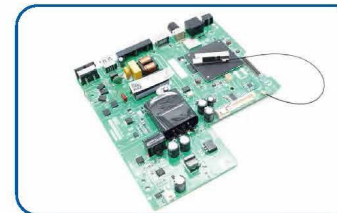


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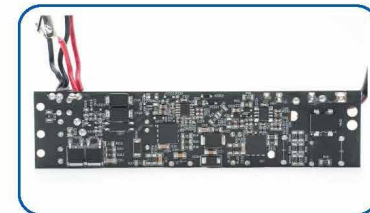
Digital home



长虹42英寸智能网络电视42P3F



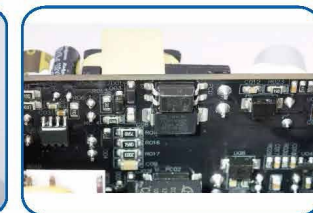
小米120W磁吸轨道 GaN 电源



公牛67W 3C1A山峰安全快充插座



绿联600W便携户外电源GS600



联想小新智能投影仪原装65W氮化镓充电器



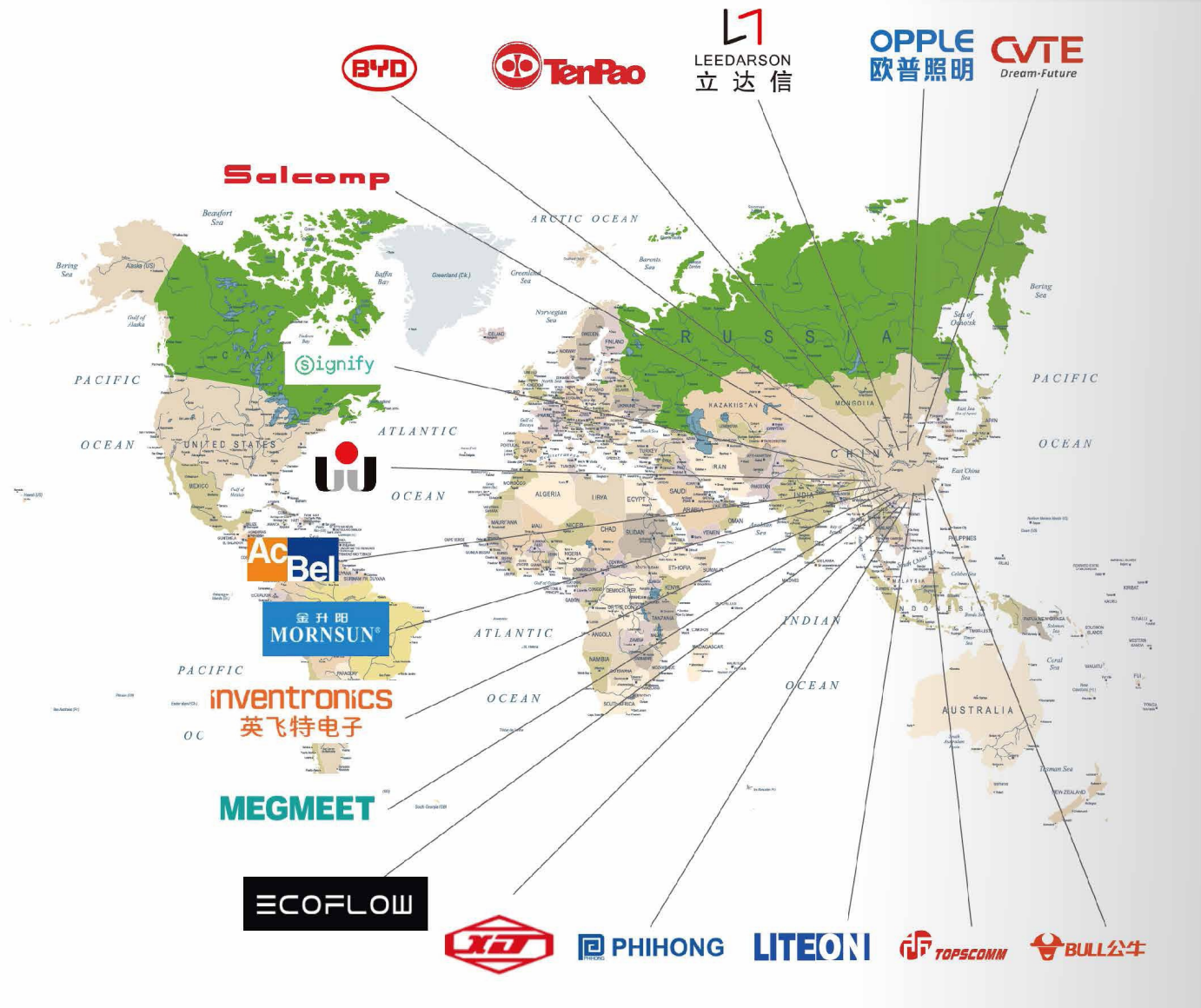
iQOO 10 Pro原装200W氮化镓超快闪充



MAJOR CLIENT 主要客户

凭借先进的技术、优质的产品和完善的服务体系，公司先后与CVTE、欧普照明、立达信、天宝、BYD、赛尔康、昕诺飞、奥海、康舒、麦格米特、金升阳、许继、正浩创新、英飞特、飞宏、光宝、鼎信、公牛等众多知名企业建立了长期稳定的合作关系。

With the advanced technology, high-quality products and perfect service system, the company has with CVTE, OPPL, Leedarson, TenPao, BYD, Salcomp, Signify, AOHAI, AcBel, MEGMEET, MORNSUN, XJ, Ecoflow, Inventronics, Phihong, LITEON, Topscomm, Gongniu, and many other well-known enterprises to establish a long-term and stable relations of cooperation.



COMPANY QUALIFICATION 公司资质

公司产品取得CQC、ENEC、UL、KC、VDE等多国安规认证。

TRX company's products have obtained CQC, ENEC, UL, KC, VDE and other national safety regulations certification.