

Corporate Overview

O1 Year of Establishment: September, 2000

02 Formation: China-HK Joint Company

Number of Employee: 5944 (By the end of Dec., 2020)

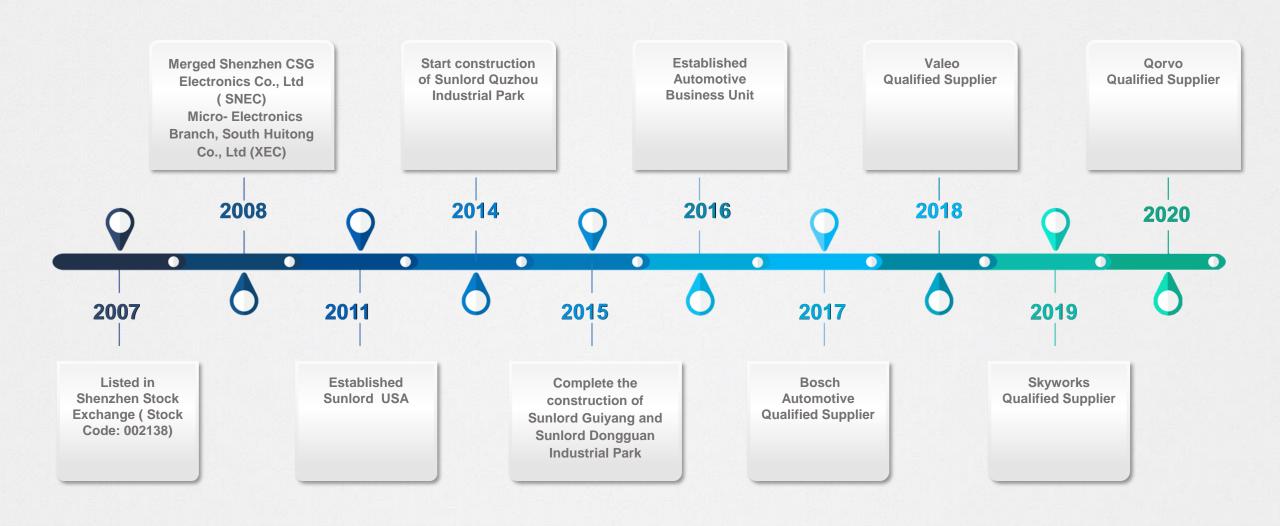
04 Headquarter: Shenzhen, China

05 Factories: Seven in China



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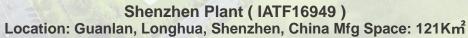
Milestones



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Sunlord Industrial Park





















Vision and Quality Policy

Vision

We are committed to become a worldwide leader in the development, manufacture and total solutions of passive electronic components armed with top-notch technology and core competitive advantages through endless pursuit of innovation and globalization strategy.

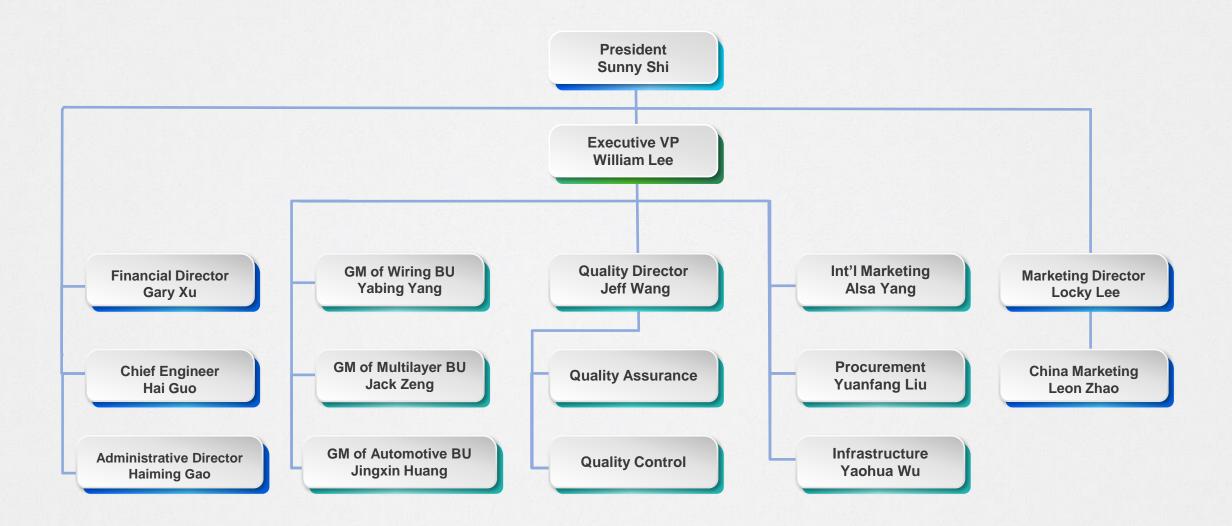
Quality Policy

To provide top-quality products and perfect services for customers worldwide through standardization, technological innovation and continuous improvement.



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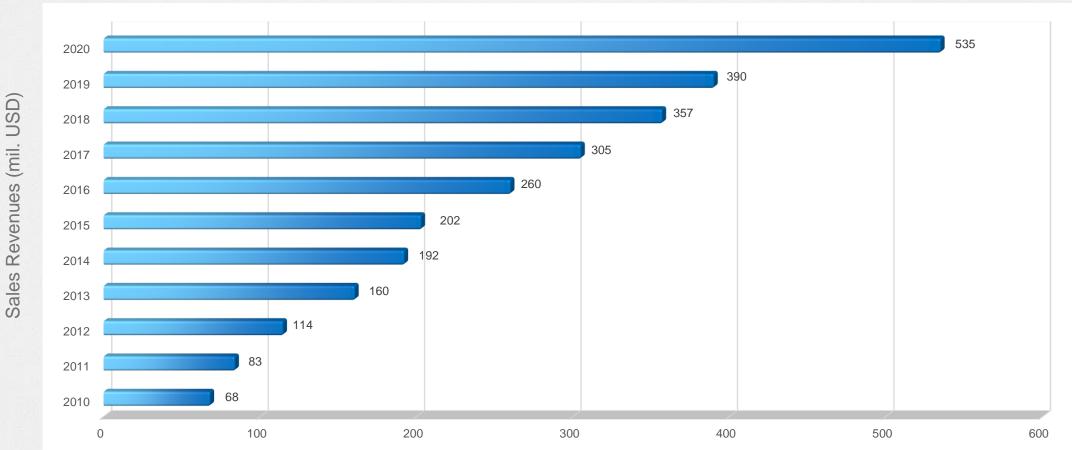
Organization Structure



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2010 ~ 2020 Annual Sales



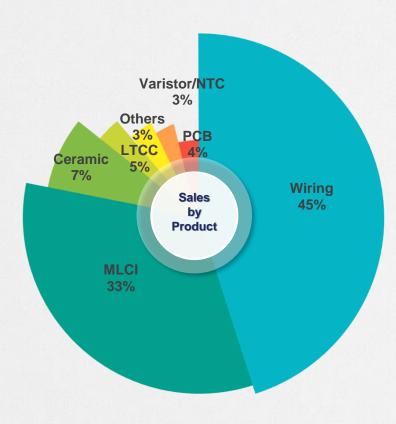


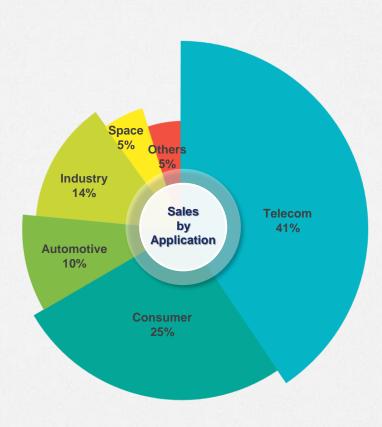
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2020 Business Achievement

▲ 2020 Revenue: USD535M

▲ Business Chart







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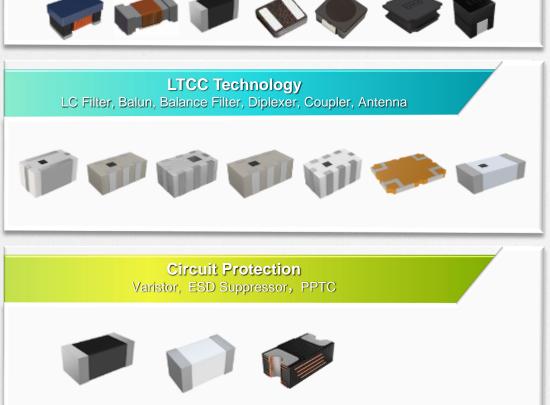
2021 ~ 2024 Capacity Expansion Plan

No.	Product Lines	Capacity (million)			
		2021	2022	2023	2024
1	MLCI	156,000	180,000	200,000	220,000
2	Varistor/NTC	13,000	14,000	16,000	18,000
3	LTCC	3,000	3,600	4,200	5,000
4	Power Inductor (Glue)	18,500	23,400	29,600	38,300
5	Power Inductor (Molding)	3,200	5,700	10,200	12,200
6	Transformer	240	260	320	370
7	WW Inductor/CMC	6,200	9,000	14,000	22,000
8	other	800	1,000	1,300	1,600
1	Total Capacity (Million pcs)		236,960	275,620	317,470

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Main Product Lines for General











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Main Product Lines for General









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New Products Recommendation



Molding Power Inductor

WTX Series series

Size: 2016/2520/3225/3230/40/50/60/10mm

Inductance: 0.1uH~15uH Saturation Current: 0.8A~27A Large Current High Reliability



Wire Wound Common Mode Filter

AMCW-L/G Series Size:3.2*2.5*2.2 mm Inductance: 80 – 200 uH

Transmission rate: 1 ~100~1000 Mbps

Automotive grade
Small size
High transmission rate
For automotive Ethernet



Mini Molding Power Inductor

MWTC Series

Size: 2012/2016/2520 mm Thickness: 0.65/0.8/1.0 mm Inductance: 0.11uH~4.7uH Saturation Current: 1.5A~7.1A Tiny Size Large Current



Wire Wound SMD Power Inductor

AMWPB Series Size:6.0*6.0*4.5 ~7.0*7.0*4.5 mm

Inductance: 1 – 10 uH High reliability Automotive grade



LTCC Transformer

Customized
Low profile
Suitable for surface mounting
for Low power and high switching frequency
application

Low profile High strength High reliability



Small Size Wire Wound Ceramic Inductor

MWSD0603C/0804C Series Inductance: 0.8-56nH

Size: 0.53*0.4 mm, 0.8*0.4 mm

Ir: 130~1800mA

Tiny Size High Q value

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New Products Recommendation



RF Circulator & Isolator

7mm, 10mm, 12.5mm, 15mm, 20mm series

Size: D7mm~D20mm

Frequency range: 70MHz-6GHz, IL: 0.15dB Max.; Isolation: 28dB Min.

High performance
High reliability



5G Ceramic Dielectric Filter

VFCF Series

Size: 20*10*5.0~55*25*7.5 (mm)
Frequency: 2.6GHz/3.5GHz/4.9GHz
2.6GHz products average power: 5~20W
3.5GHz products average power: 5~10W

High performance High reliability



Wire Wound Chip Ferrite Inductor

MWSD-F Series

Size: 0.6*0.3/0.7*0.3 mm Inductance: 17-560nH

Ir: 90~480mA

Small Size High Rated Current



Auxiliary transformer for DC/DC

TWP Series
Specification: customized

Suitable for PSIP molding process

High reliability



High Energy Type Varistor

SDVL-HS Series

Size: 1608/2012/3216/3225/4532/5650 mm

DC. Working Voltage: 9~150V Peak 8/20 Current: 20A~5000A **Ultra High Energy**

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Application Focus-Automotive



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Application Focus-Automotive



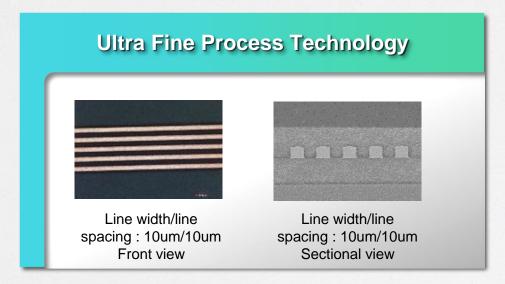
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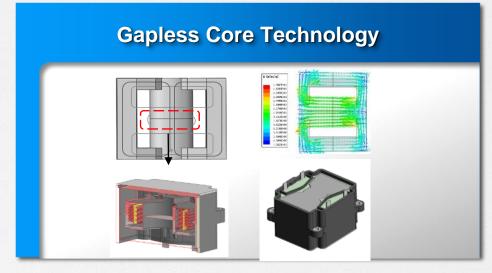
Product Development Roadmap

For 5G Communication Terminal Devices	For 5G Communication Infrastructures	For IoT Applications	For Data Center	For Automotive
1412/1608/2012 metric size power inductor Common mode chock for MIPI C-PHY & M-PHY 0201 metric size & ultra high Q RF inductor 0402/0201 metric size chip bead Low THD+N Audio Bead 0402/0201 metric size NTC thermistor	 Ceramic wave guide filter High reliability LTCC RF components LTCC substrate Microstrip RF Circulator & Isolator High reliability power inductor mm wave RF module 30-60GHz ultra high frequency noise suppressing Bead Large energy chip varistor 	 LTCC RF components 0402 metric size & ultra high Q RF inductor 0603/0804 metric size wire wound RF inductor 0402/0201 metric size Bead DC-DC power module 	 Large current assembly power inductor for VRM application High Reliability molding power inductor Coupled Power Inductor Polymer Tantalum Capacitor 	 Power inductor RF inductor CM choke Transformer

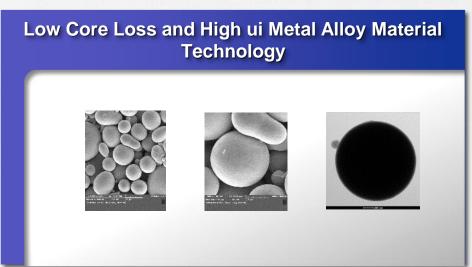
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Core Technology – 445 Patents









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Reliability Standards

Consumer & Telecom

EIA Standard, IEC60068,GB2423

Industry

EIA Standard, IEC60068,GB2423

Space

ESCC Standard, MIL-STD-202G, GJB

Automotive

AEC-Q200 IEC60068

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State-of-the-Art Facilities

CNAS Accreditation Lab According to ISO/IEC 17025:2005



UL Eyewitness Laboratory



"Sunlord-KEYSIGHT"
Electronic Measurement
Joint Laboratory



Material Analysis Failure Analysis Reliability Test Electrical Test Manufacturing SEM/EDS, XRD, **Tegramin System, Thermal Shock Microwave Laser Drilling** DTA/TG, etc. X-Ray CT System, Chamber, Pressure **Anechoic Chamber**, Machine, Probe Station, etc. **RF Impedance Tube Furnace with Cooker Test** Chamber, /Material Analyzer, H2, 3D printer, etc. **High Acceleration** B-H Analyzer, etc. **Mechanical Shock** Test-Bed, etc.



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Certificates



ISO45001



ISO14001



IECQ/QC080000



IATF16949

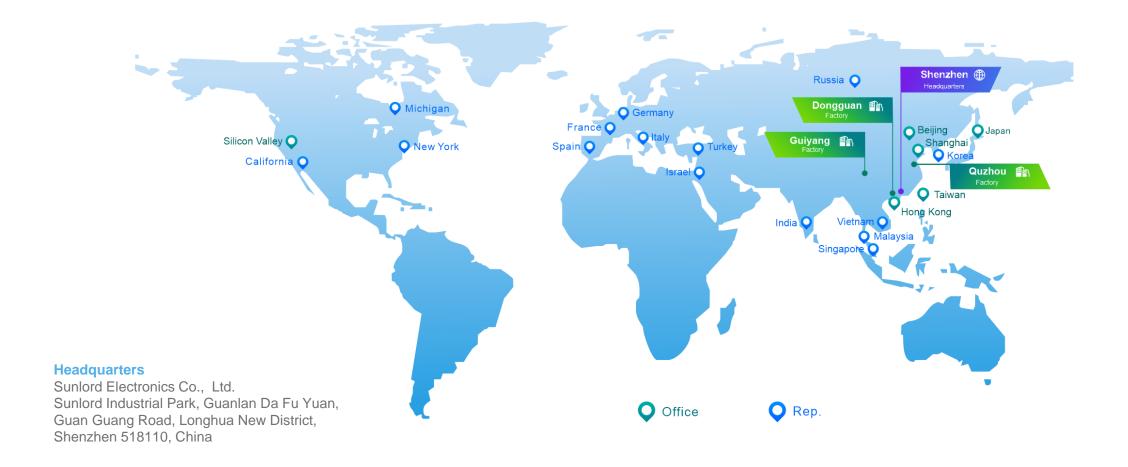
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Customer Base



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Sales Network



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