



ACROPARTS TECHNOLOGY CO., LTD.



With over 26 years of industry experience, Acroparts Technology Co., Ltd, is a global provider offering all passive components.

Company Profile





Outline

☐ Corporate Overview

☐ Marketing Strategy

- Comprehensive & Innovated Product
- Quality Assurance
- On-time Response
- Cost competitiveness
- First-class Service

☐ Summary



A.T.C. Philosophies

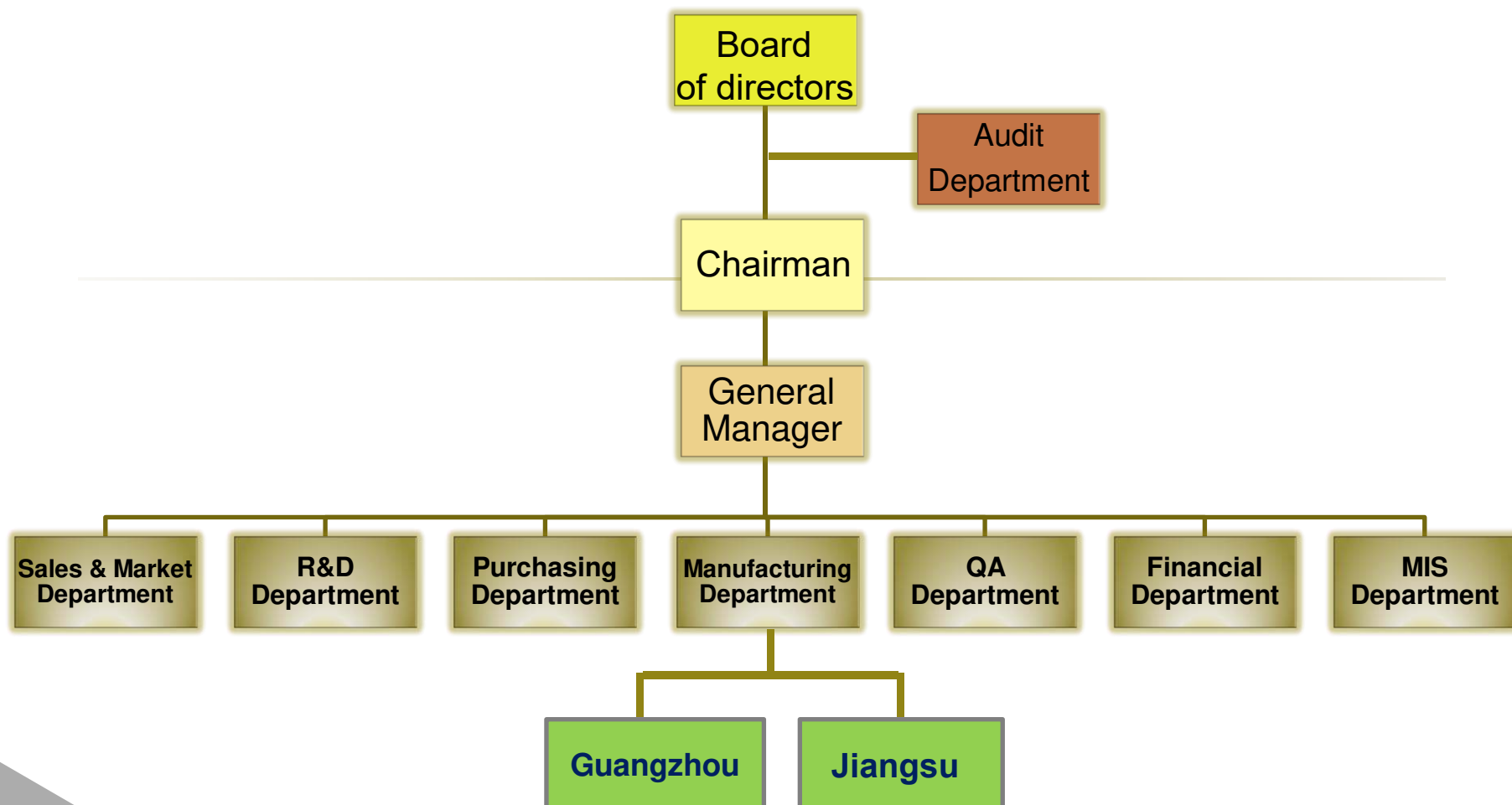
Acroparts Technology Corporation established in 2000. We are manufacturer and supplier expert of passive components.

Committed to the manufacture of various passive components, professional manufacturer and service provider for inductance components and electromagnetic interference countermeasures.

For EMI/EMC, POWER, RF, applications, we provide Multilayer Chip Beads / Inductors, Multilayer Power Inductors, SMD Power Inductors, Molding High Power Inductors, Common Mode Choke, and Transformer.



Our Organization Chart





ACROPARTS TECHNOLOGY CO., LTD.

Facilities

Headquarter



Employee: 10 people

Office are: 245 M²

Service:

1. Management purchase order
2. Purchase materials
3. Shipment order
4. Deal with customer question
5. R&D center
6. Provide sample
7. Response inquire

Guangzhou Factory



Employee: 300 people

Line: 23 lines

Capacity: 175KKpcs/

Month Factory are: 4200

M² Product:

1. SMD Power Inductors
2. SMD Alloy Power Inductors
3. SMD Common Mode Choke
4. SMD Wire Wound Chip Inductor
5. SMD Alloy Molding High Power Inductors
6. Transformer

Jiangsu Factory



Employee: 60 people Line:

6 lines

Capacity: 15KKpcs/Month

Factory are: 2000 M²

Product:

1. High Power Inductors
2. Molding High Power Inductors



ACROPARTS TECHNOLOGY CO., LTD.

Comprehensive & Innovated Product Capacity Allocation

Capacity
(Million pcs/Month)



GUANGZHOU Factory



Jiang su Factory

Molding

N/A

55

Common Mode

25

N/A

Power Inductors

50

N/A

Chip Inductors

80

N/A

Transformer

20

N/A



ACROPARTS TECHNOLOGY CO., LTD.

Sufficient Capacity To Meet Market Demand

Capacity Unit: million Pcs / month

Multilayer

Beads
Total: 2000

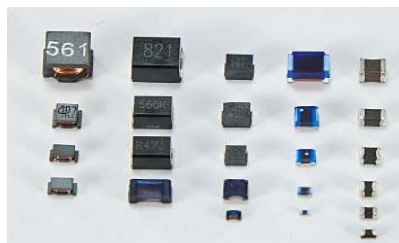


Inductors
Total: 1000



Wire-wound

Chip Inductors
Total: 80



Power Inductors
Total: 50



Molding

Power Inductors
Total: 15



Chip Inductors
Total: 40



Common Mode

Total: 25



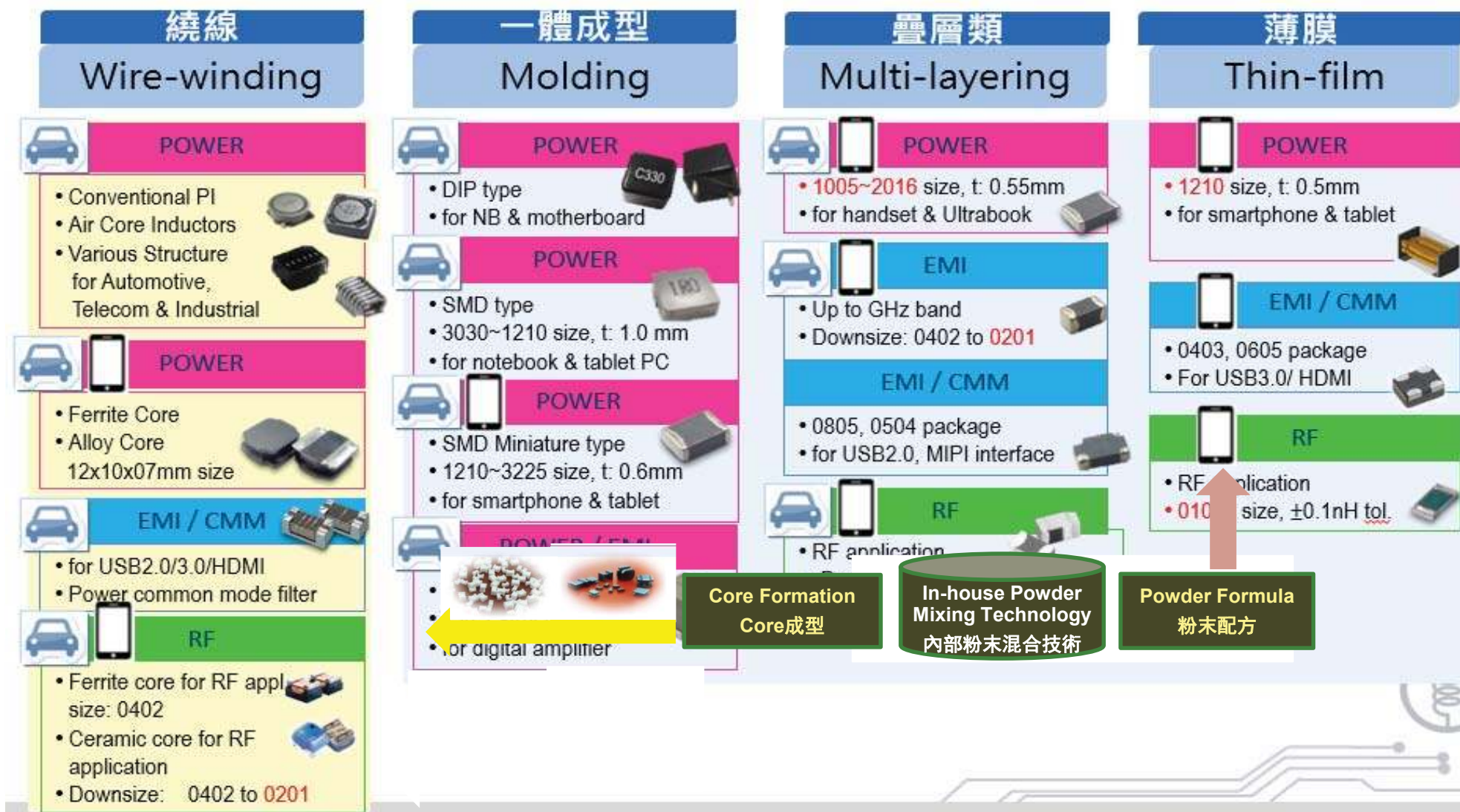
Transformer

Total: 20



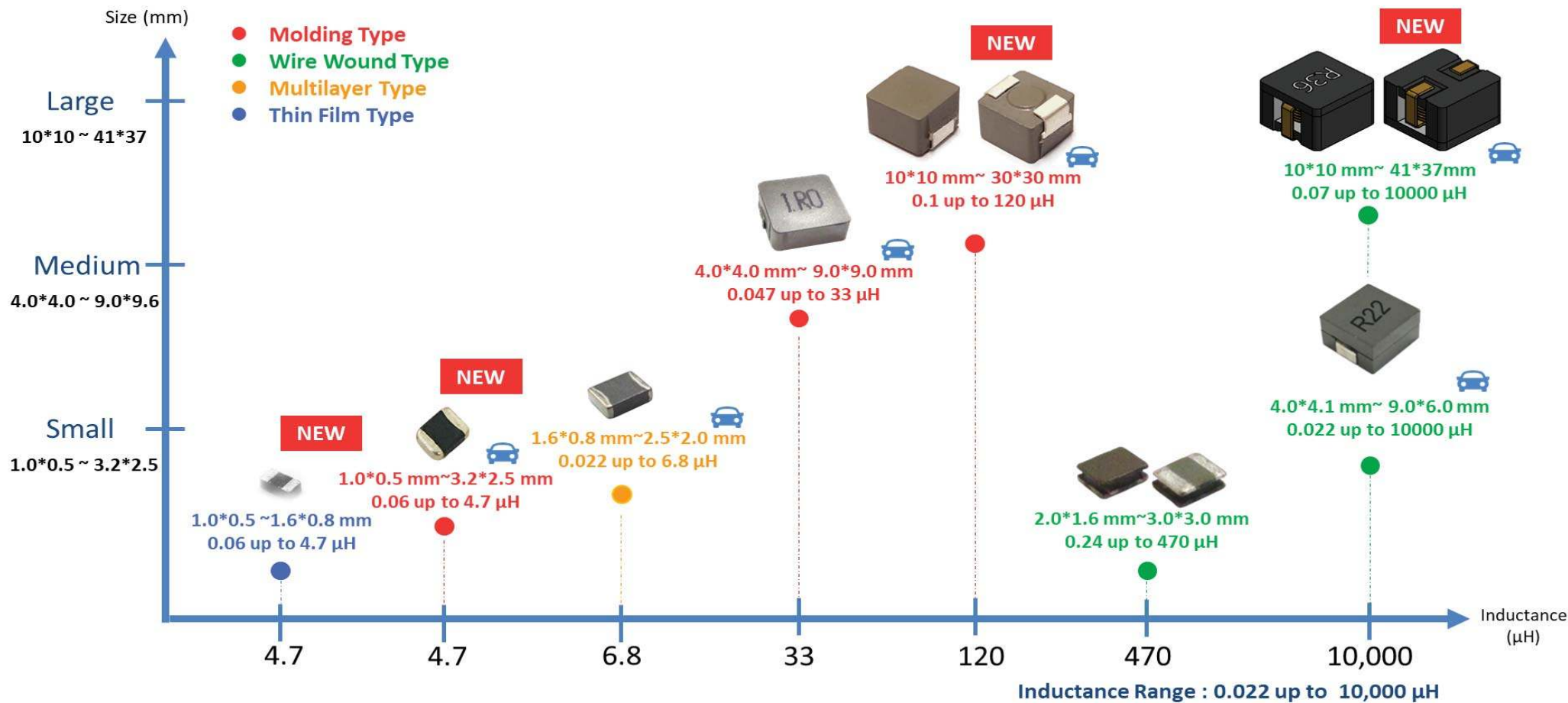


Total Solution Process



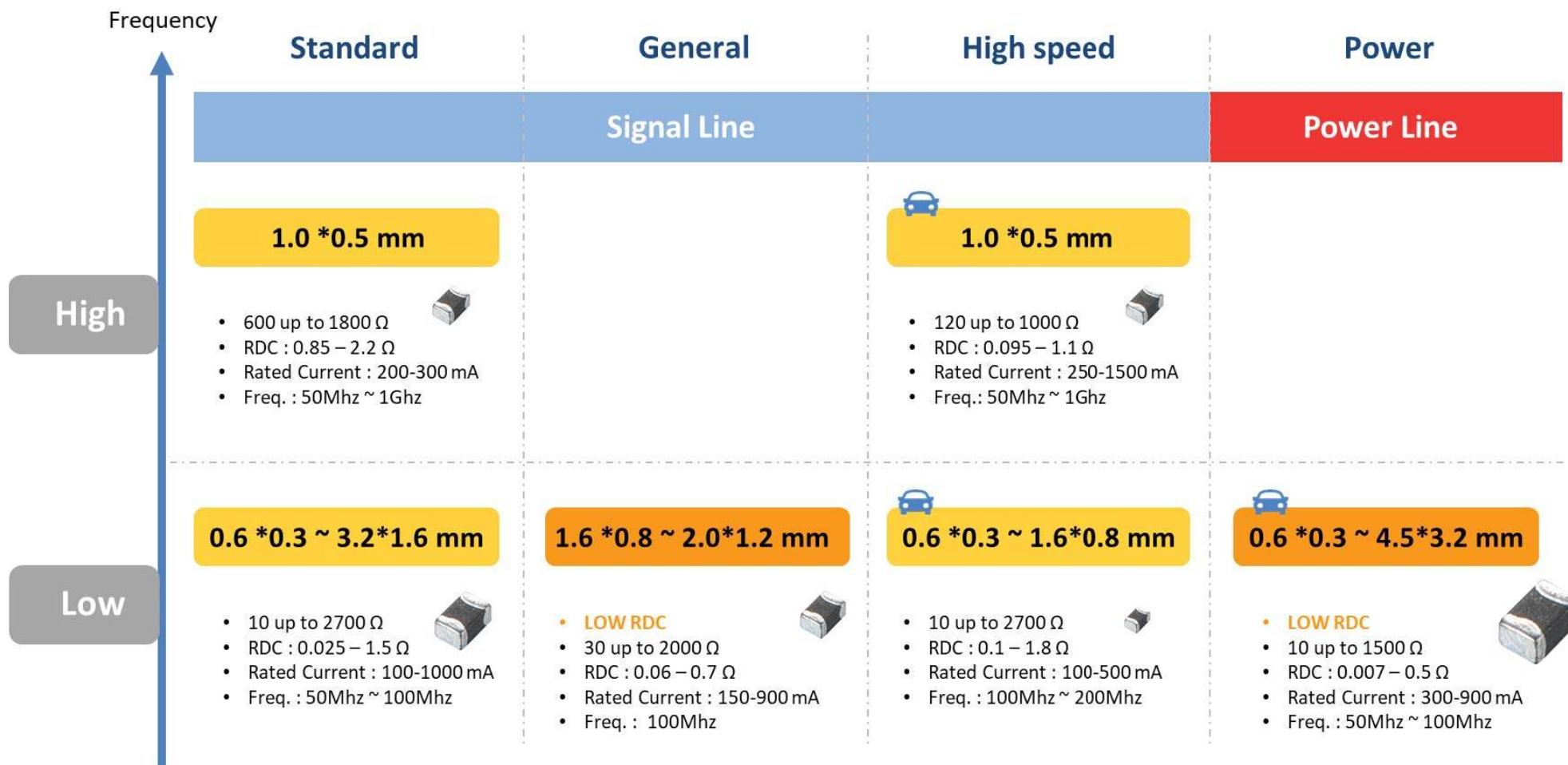


Power – Inductor Tech



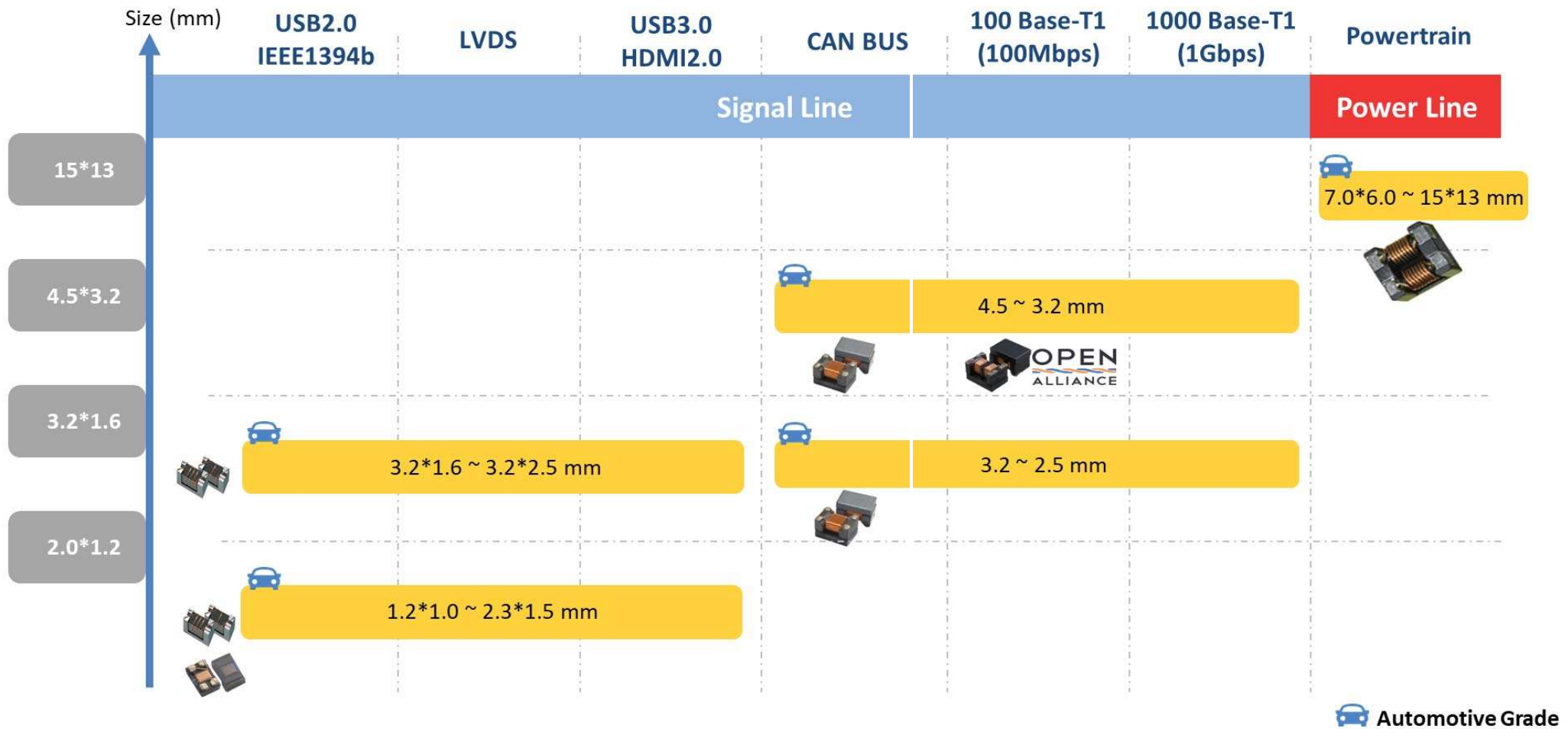


EMI – Ferrite Bead Tech





EMI – CMC Tech





CMC Signal Line Selection Guide

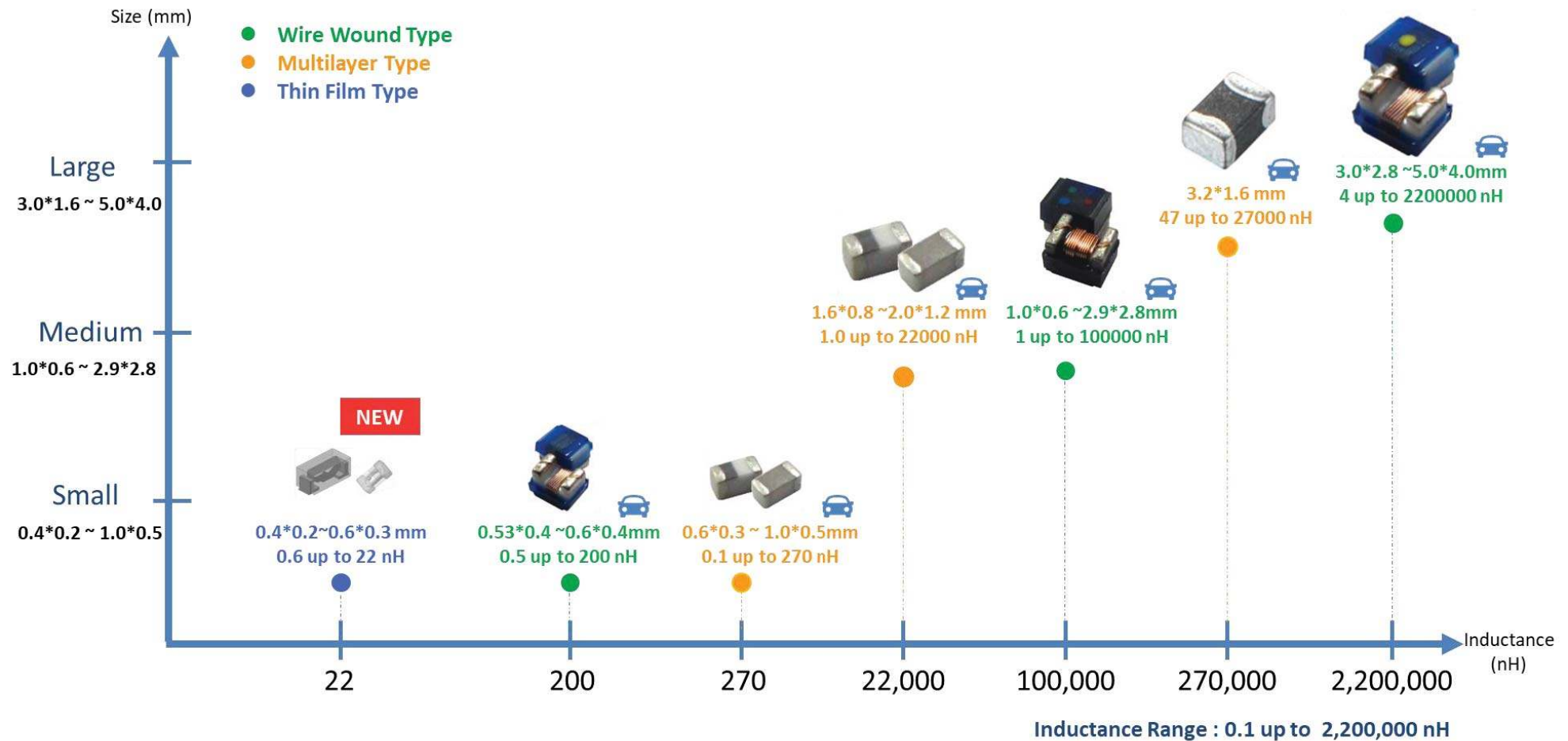
Size (mm/inch)	Automotive Ethernet		CAN BUS		USB 2.0 IEEE1394b	LVDS	HDMI 2.0	USB3.1/ G1, G2
	100 Base-T1	1000 Base-T1	Classical	FD				
Signal speed	100Mbps	1000Mbps	~8Mbps		480Mbps	~1.5GMps	6Gbps	10Gbps
1.2 x 1.0 (1210/0504)	Not applicable				BWCU001210 		BWCU001210 	
1.6 x 0.8 (1608/0603)					BWCU001608 			
2.0 x 1.2 (2012/0805)					 BWCU002012 AWCU002012 	BWCU002012 	 BWCU002012 AWCU002012 	
2.3 x 1.5 (2315)					BWCU00231512 	BWCU003212 		
3.2 x 1.6 (3216/1206-3225/1210)					 AWCU003225	AWCU003225	 AWCU003325 	 AWCU003325 
4.5 x 3.2 (4532/1812)	 AWCU004532  		 AWCU004532 					

General Grade
Automotive Grade 



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RF – Inductor Tech

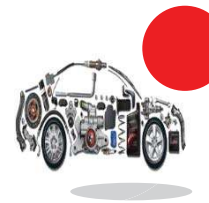
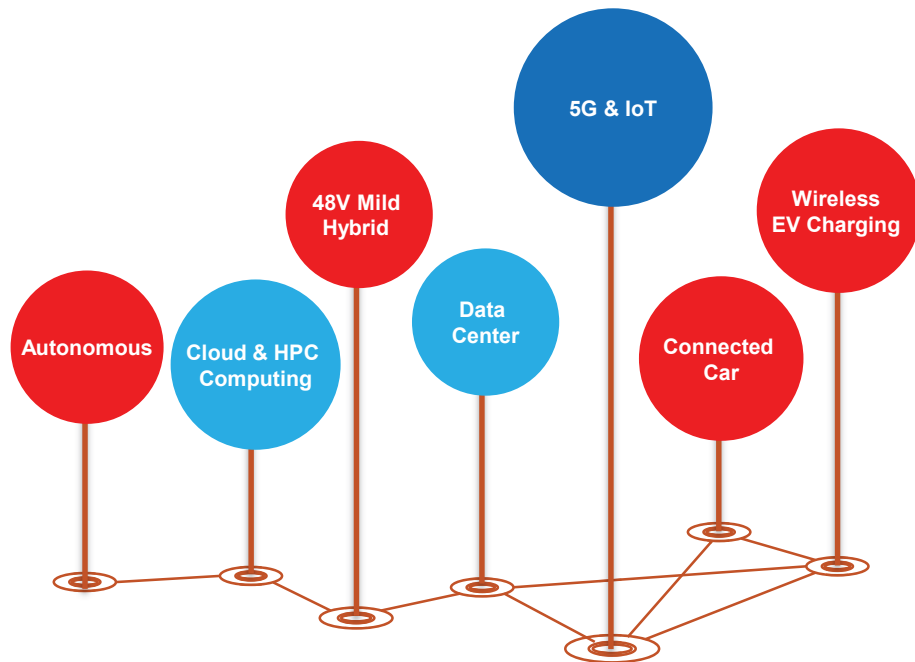




ACROPARTS TECHNOLOGY CO., LTD.

ATC TECH Focus Segments

Market Trend.....



Automotive Electronics

- PHY (CMM)
- 48V mild hybrid
- ECU
- EV Charging
- Lighting
- Infotainment
- ADAS
- ...



Networking/Datacenter

- V-core (power bead)
- Memory (DDR5)
- WIFI 6
- NB-IOT
- 5G Base station
- Connected Car



Handheld/Wearable Devices

- 5G phone
- Watch
- Tablet
- Smart Speaker
- TWS
- Wireless Charging
- ...



ACROPARTS TECHNOLOGY CO., LTD.

ATC TECH Solution For Automotive

Mark five stars:
Mainly promote
products

车身电子Body Electronics

- RF Inductor
- Power Inductor
- EMI Bead
- ★ ➤ Common Mode Choke

通讯传输设备GPS/DVBT/BT/
WiFi/FM/GSM

- RF Inductor

车联网Ethernet Phy

- RF Inductor
- Power Inductor
- EMI Bead
- ★ ➤ Common Mode Choke

Powertrain动力系统

- ★ ➤ Common Mode Choke
- Power Inductor

多媒体 Infotainment

- RF Inductor
- ★ ➤ Power Inductor
- EMI Bead
- ★ ➤ Common Mode Choke

ADAS驾驶辅助系统

- Power Inductor
- RF Inductor
- EMI Bead
- Common Mode Choke

电脑控制模组ECU

- Power Inductor
- ★ ➤ Common Mode Choke

车灯Lighting
车

- ★ ➤ RF Inductor
- Power Inductor
- EMI Bead



ACROPARTS TECHNOLOGY CO., LTD.

ATC TECH Solution For phone

Mark five stars:
Mainly promote products

RF Circuit (LTE/GPS/4、5G/WiFi/BT)

Multilayer RF Inductor / Bead

(DSYR / DSYF)

(MSRP)



(MSFP)



Camera Unit

Multilayer Bead

(MSFP / MSRP)



Back Lighting

Wire-Winding Inductor

(DSLE)



(DSZE)



Ultra-high Q series
MSRQ • Mobile phones
will gradually replace
ordinary high-
frequency inductors
from high-end models

DC-DC Converter

Molding Power Inductor ★

(DCHP)



Wire-Winding Power Inductor

(DSLE)



Analog TV & Audio Circuit

Multilayer (MSRQ) ★



Wire-Winding RF Inductor

(DSYR)



(DSYF)



Wire-Winding EMI Filter

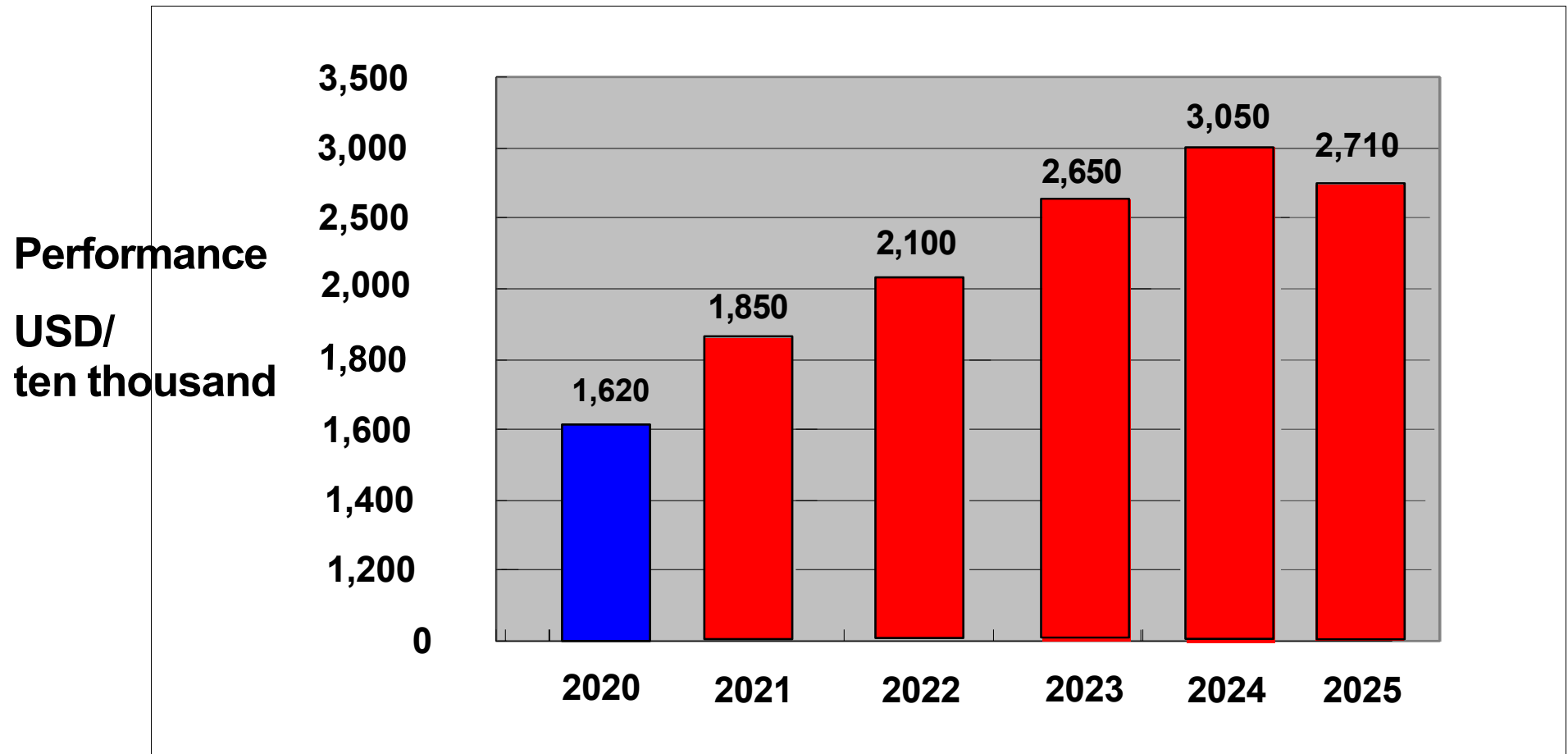
(FSLP)





ACROPARTS TECHNOLOGY CO., LTD.

Annual Sales Revenue

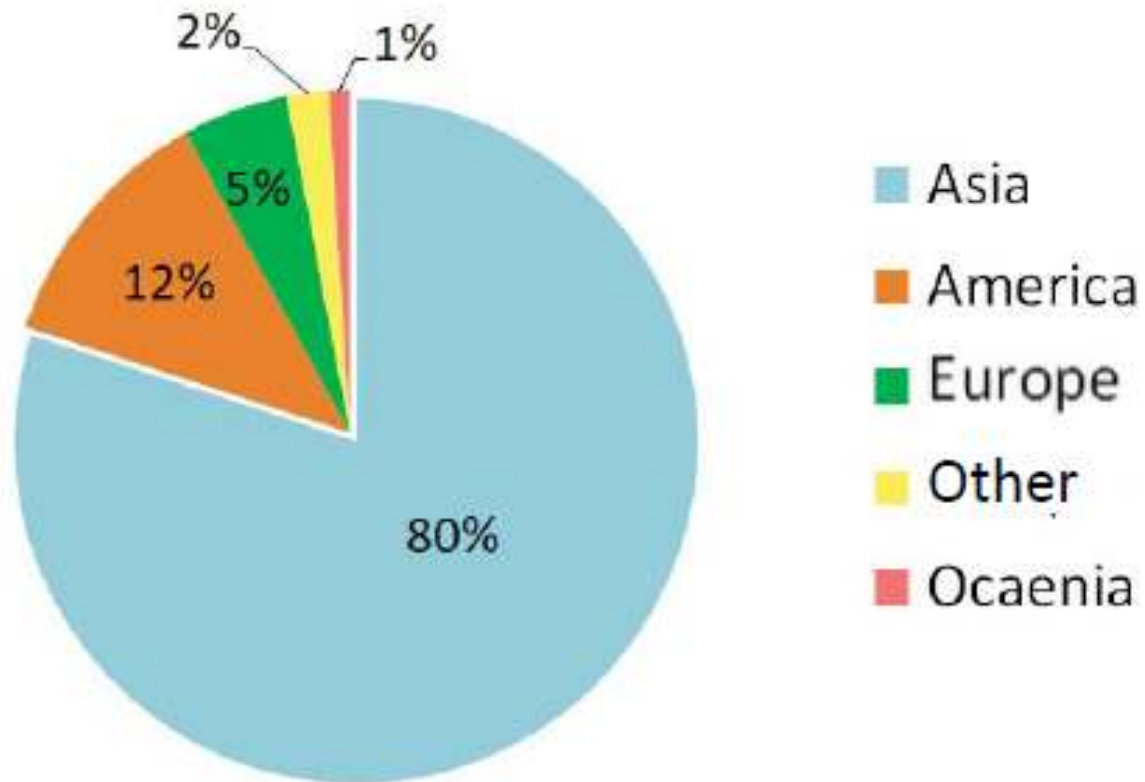




ACROPARTS TECHNOLOGY CO., LTD.

Sales Breakdown by Region

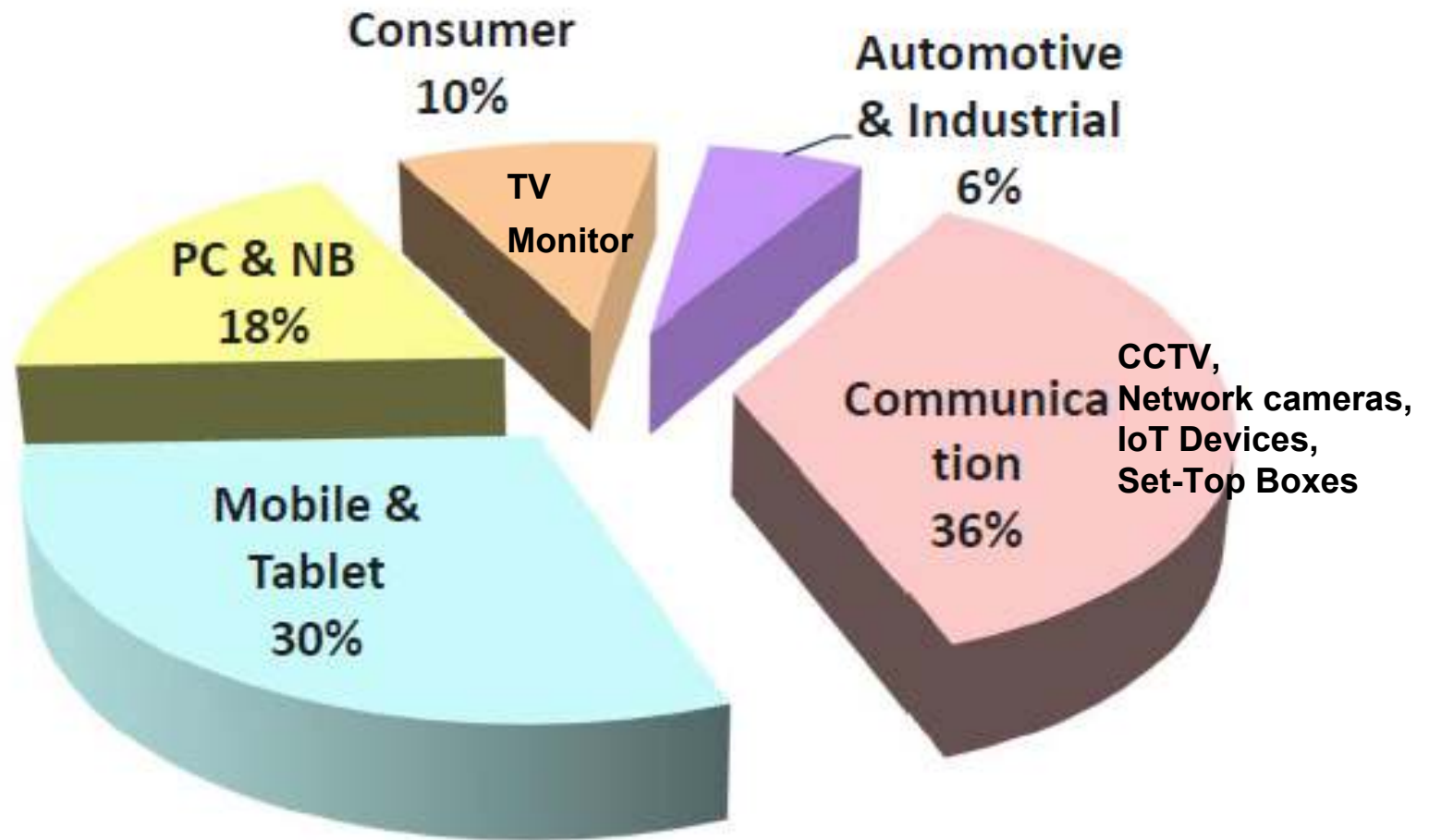
Sales Region at Present





ACROPARTS TECHNOLOGY CO., LTD.

Sales Breakdown by Market Segment





ACROPARTS TECHNOLOGY CO., LTD.

Quality Assurance

Quality System Management

Supplier Quality Management

Incoming Inspection (IQC)

Production Qualification

IPQC/FQC/OQC

Customer Service/Reliability



iQCC



- SPC
- Material Qualification
- Supplier Certification

- SPC
- Tightened Sampling Plan
- Green Product

- SPC
- APQP/PPAP
- FMEA
- MSA
- AEC Q200

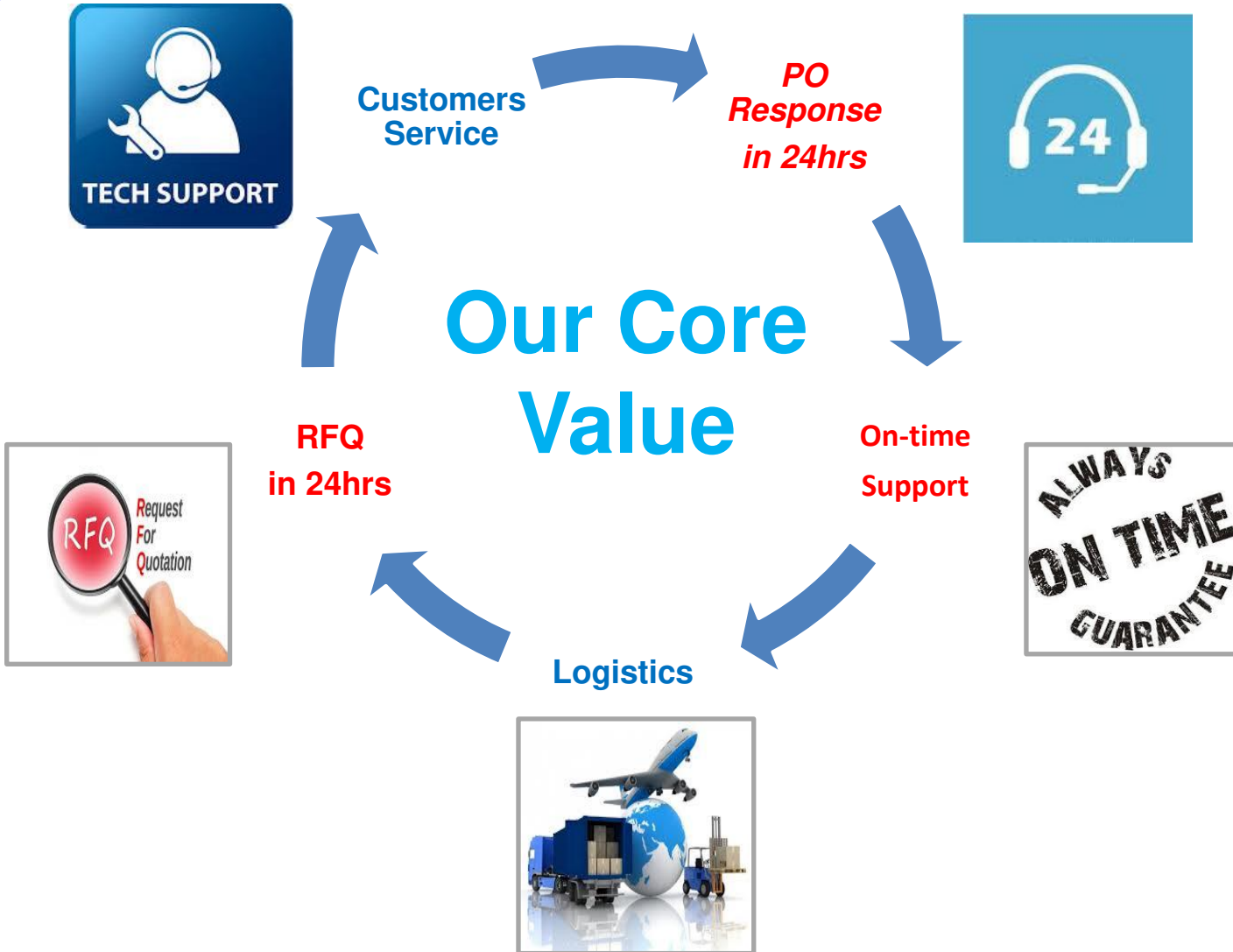
- SPC
- MES
- ORT
- Maverick Lot

- Global Service
- 24 hrs Response on quality issue



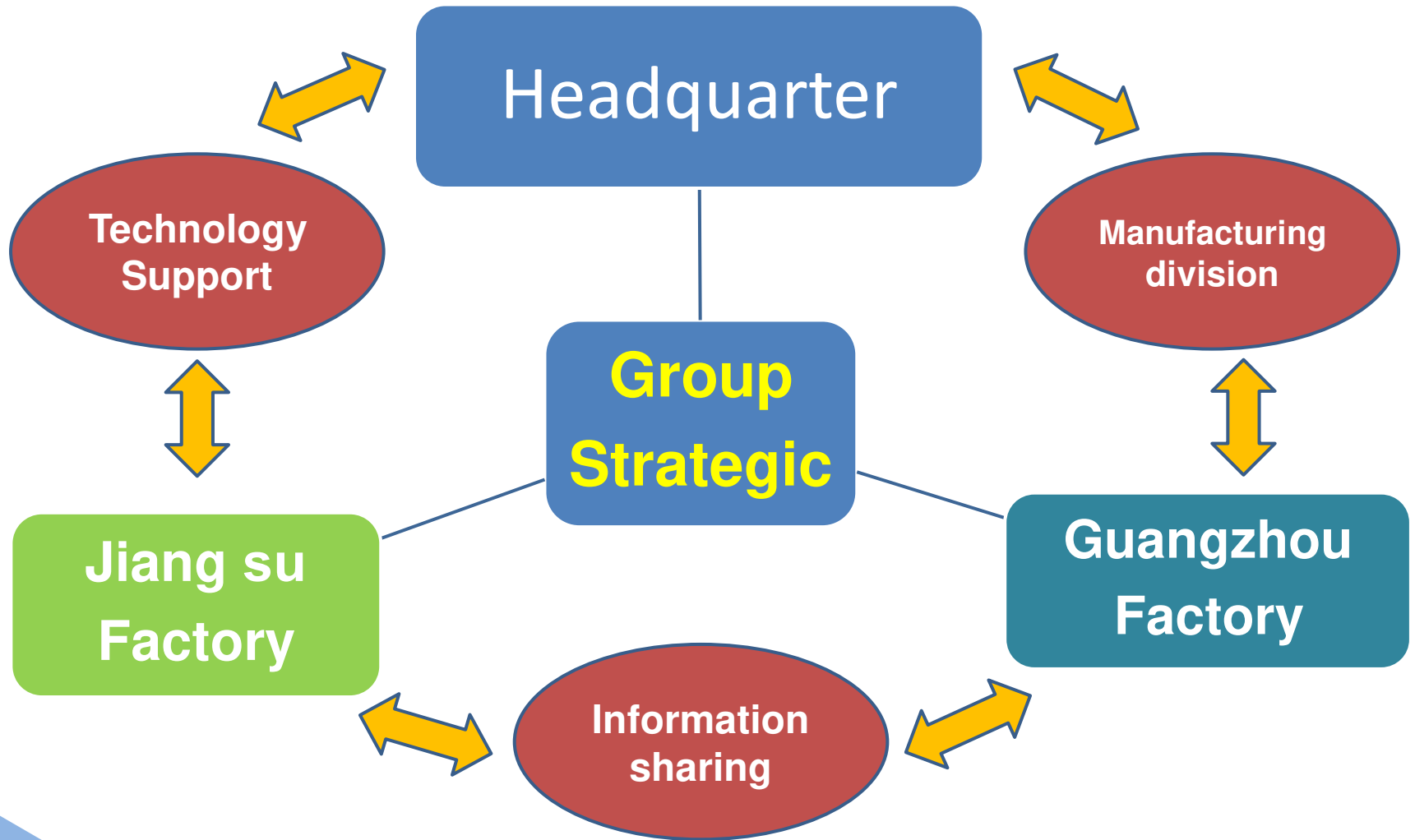
ACROPARTS TECHNOLOGY CO., LTD.

On-time Response



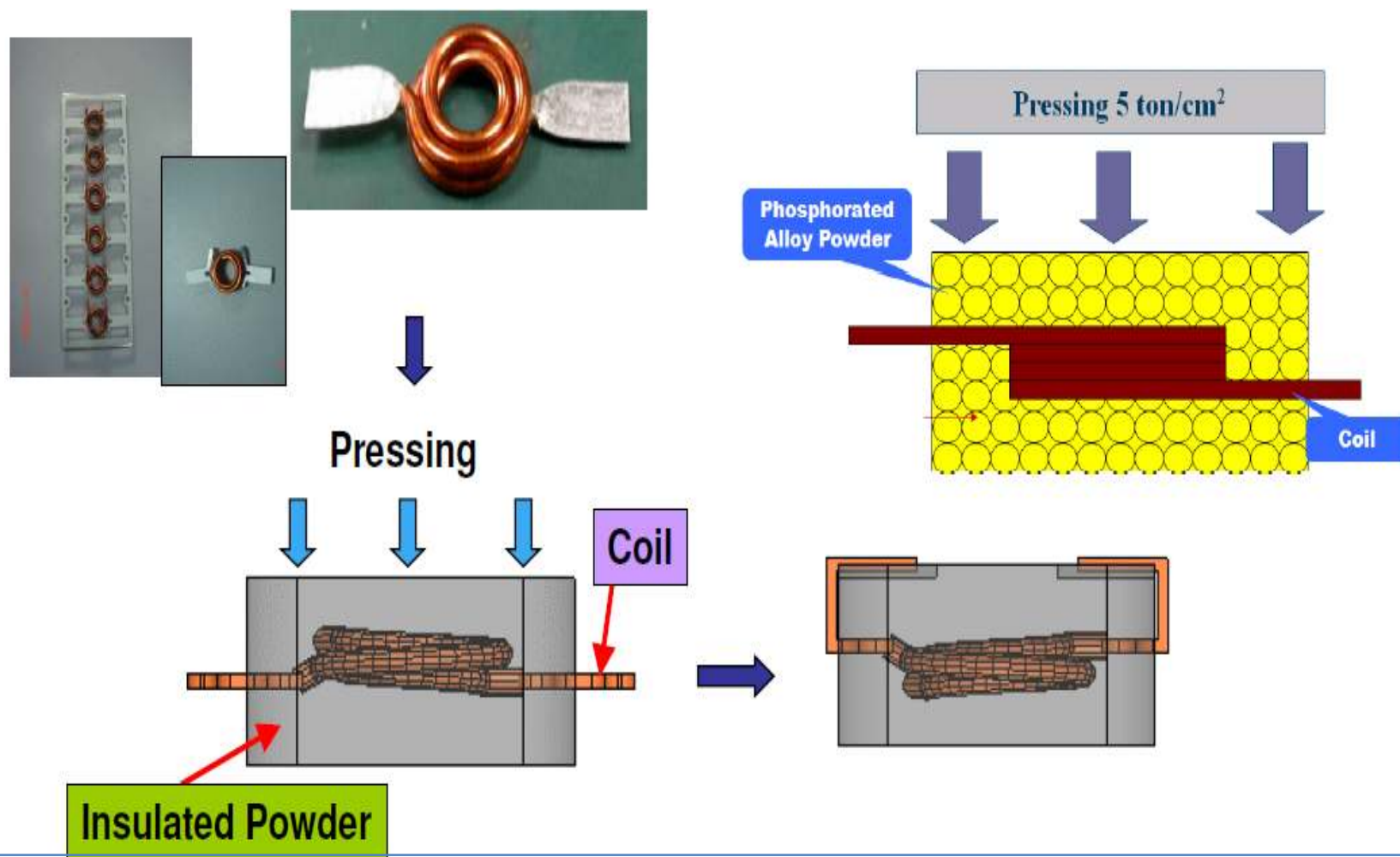


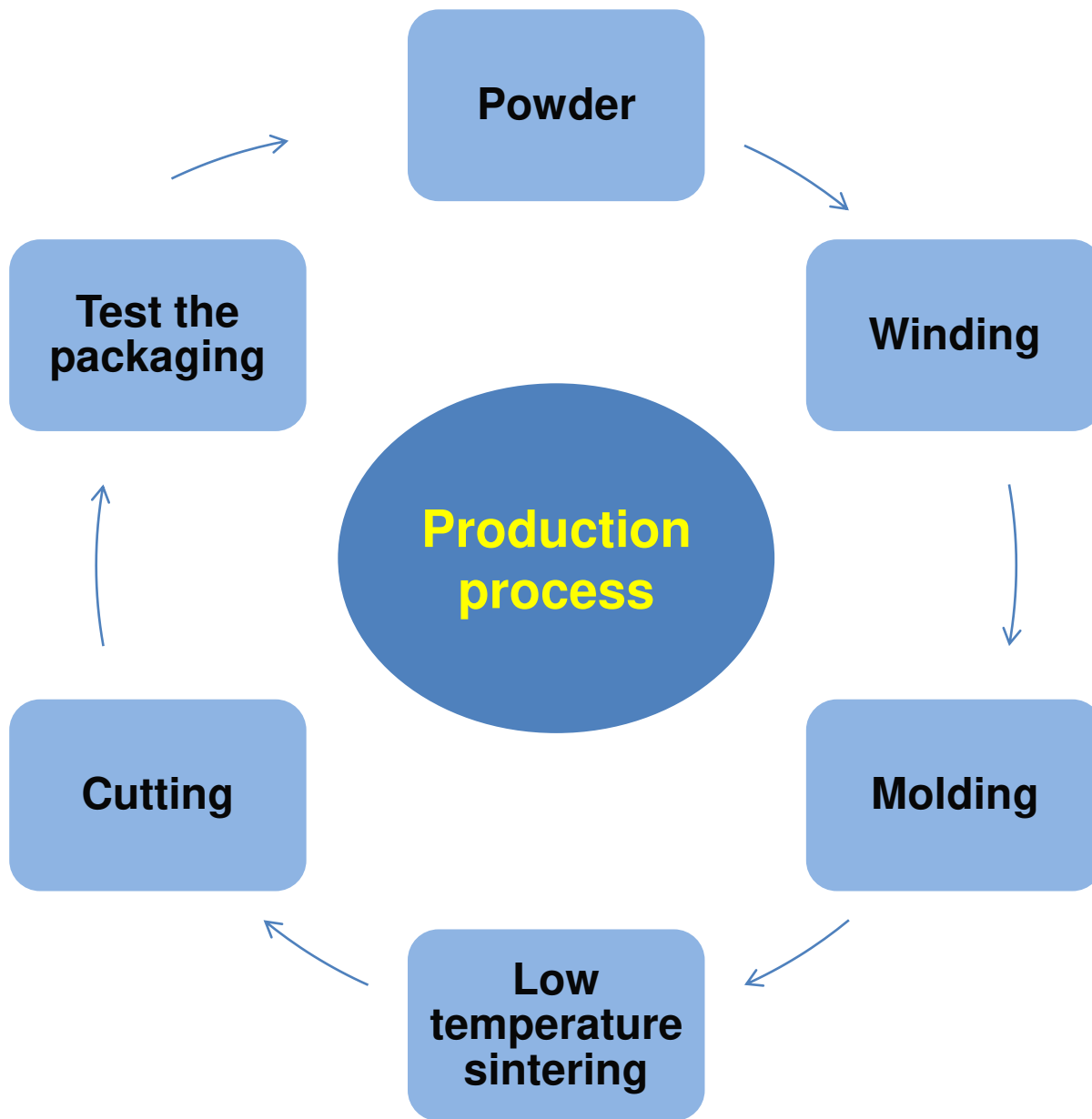
Cost competitiveness





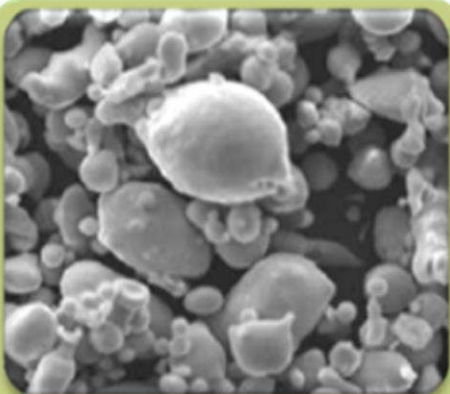
Our Process introduction





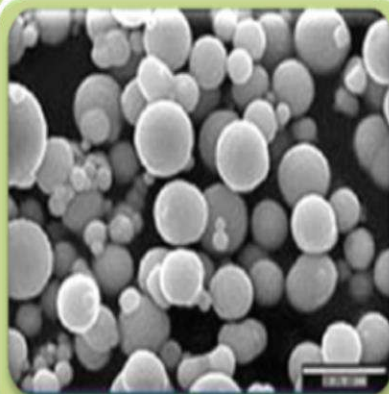


Our Powder Type



Alloy powder

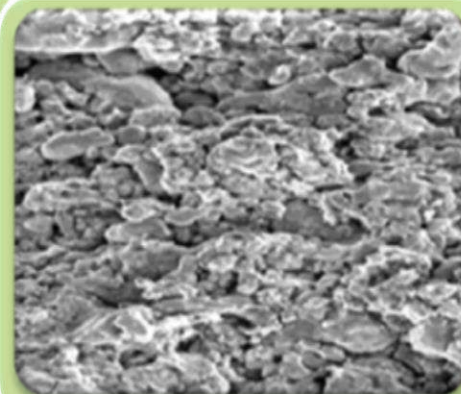
- **Particle: 10~20um, complete particle**
- **Features: Core Loss is best**
- **Good molding conditions, no damage to copper wire during molding**
- **stainless**



CIP Powder

(Carbonyl iron powder)

- **Particles: 3~8um, particle circle**
- **Features: Isat features best**
- **Good molding conditions, less damage to copper wire during molding**
- **will be rust**



Iron Powder

- **Particle: 20~40um, rough grain**
- **Features: Core Loss highest**
- **Poor molding conditions, rough iron powder**
- **Surface is more likely to damage copper wire during molding**
- **Quite easy to rust**



ACROPARTS TECHNOLOGY CO., LTD.

Our Advance equipment

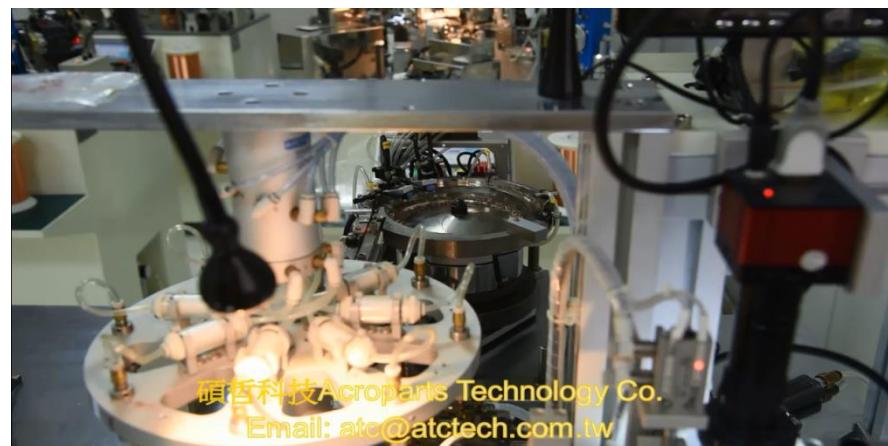
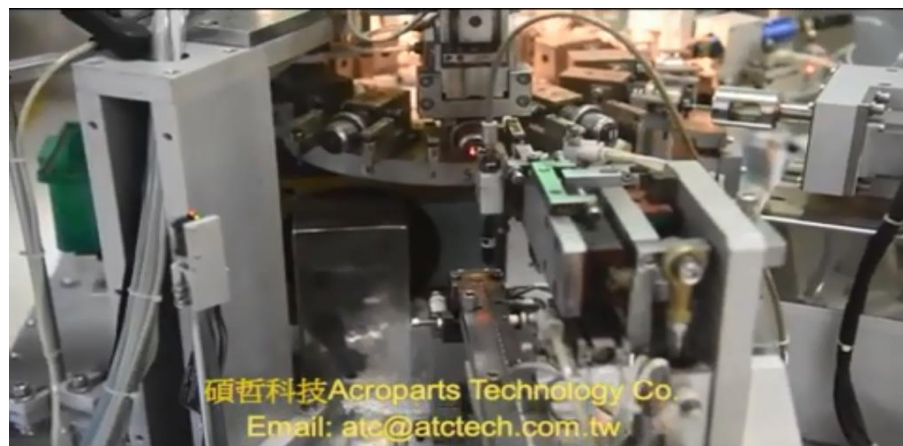
Picture	Name of Equipment	Content	Item
	Thermal Shock Test Chamber	Type: BYH-A3 Test Tank Temperature Range of Application: -40°C~150°C High Temp. Tank Temperature Range of Application: +60°C~+200°C Low Temp. Temperature Range of Application: -10C~-40C	Thermal shock test
	TEMP&HUMI Chamber	Type: BYH-150CI Temperature Range: -40°C~150°C Humidity Range: 20°C~98%RH Tolerance: $\pm 0.3^{\circ}\text{C}$; $\pm 2.5\%\text{RH}$	TEMP&HUMI Test
	Vibration Test	Type: HG-V4 Vibration: 0-200HZ	Vibration Test
	3D Image Measuring Instrument	Type: SOV-2010 GSM-C289A1	Measuring
	Drop Test Machine	Type: BY-320 Drop altitude 300-1500mm(Tolerance<10mm), Peak load: 0~100KG	Drop Test



ACROPARTS TECHNOLOGY CO., LTD.

Automation Facility

Tooling / Equipment Self-Production Capability





ACROPARTS TECHNOLOGY CO., LTD.

Our Product Line





ACROPARTS TECHNOLOGY CO., LTD.

Our Certificate

Certificate of Registration



This is to certify that the Quality Management System of:

Jiangsu Acroparts Technology Co., Ltd.

No. 8 Factory Building of Culture Town, North side of Hangzhou Road, Sihong Economic Development Zone, Sihong County, Suqian City, Jiangsu Province, 223999, China
(IATF USI: T5YAZN)

applicable to:

Manufacturing of inductors

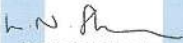
has been assessed and registered by NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, LU5 5ZX, UK

against the provisions of:

IATF 16949:2016

(Clause 8.3 product design of IATF 16949:2016 is justifiably excluded)

This registration is subject to the company maintaining a quality management system to the above standard, which will be monitored by NQA.


Managing Director



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NQA Certificate No: T196106
IATF Certificate No: 0543536
First Issue Date: 06 September 2024
Valid Until: 05 September 2027
Version: 1



CERTIFICATE OF REGISTRATION

The management system of certificate number 267839

Acroparts Technology Co., Ltd.

1F, No. 16, Tze Chiang Street, Yangmei District, Taoyuan, Taiwan, Republic of China (ROC)

has been assessed and certified as meeting the requirements of:

ISO 9001:2015

Sale of Ferrite Core, SMD Inductors, Multilayer Chip Inductors, Multilayer Chip Beads, Multilayer Chip Capacitors, Coils, Transformer

Further clarifications regarding the scope of this certificate and the applicability of requirements may be obtained by consulting the certifier.



Initial certification: Saturday, October 1, 2022
Current cycle start: Wednesday, October 1, 2025
Latest issue: Friday, September 5, 2025
Expiry date: Saturday, September 30, 2028
Subject to annual assessments.

Certification structure: Single

Authorized by


Mike Tims
Chief Executive Officer

amtivo.us

Certificate issued by Amtivo (USA) Inc.

Certification is conditional on maintaining the required performance standards throughout the certified period of registration.
Amtivo (USA) Inc, 7502 W. 80th Avenue, STE. 225 Arvada, Colorado 80003-2128, USA.

ATC confidential



ACROPARTS TECHNOLOGY CO., LTD.

Our Certificate

dun & bradstreet
D-U-N-S® CERTIFIED

Company Name: ACROPARTS TECHNOLOGY CO., LTD.

公司名稱: 碩哲科技股份有限公司

Address: 1F, No.16, Tzechiang St., Yangmei Dist., Taoyuan City 326021, Taiwan

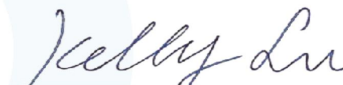
公司地址: 臺灣326021桃園市楊梅區自強街十六號一樓

D-U-N-S® Num: 65-649-3488

鄧白氏環球編碼: 65-649-3488

Validity: From 2026 May 13 to 2027 May 12

有效日期: 2026年05月13日 至 2027年05月12日


DUN & BRADSTREET INTERNATIONAL, Ltd.
TAIWAN BRANCH
美商鄧白氏股份有限公司台灣分公司

D-U-N-S® CERTIFICATE
鄧白氏第三方企業認證

This certificate only represents that the company information provided by the above company has met the requirements for D&B D-U-N-S® CERTIFIED service. Nothing in this certificate should be deemed or constructed as any recommendations or suggestions about the above company. D&B is not responsible for any business decisions (including but not limited to the decisions of making transactions with the company, borrowing loans or financial related matters etc.) made based on this certificate.

此證書僅代表上述公司所提供的公司資料滿足享有鄧白氏第三方企業認證服務的相關條件。本證書的任何內容不應被視為或理解為包含、存在或反映對上述公司的任何推薦或建議。鄧白氏不對因基於本證書而做出的任何商業決策（包括但不限於與該公司的交易、借貸或（等）承擔責任。



ACROPARTS TECHNOLOGY CO., LTD.

Our Advantages Value

- Continuously develop new products to offer solution to our customers.

Innovation

- World-class quality assurance with IATF16949, ISO9001.

Quality

- In-time response to satisfy our customer's expectations on urgent request.

Speed

- On-time response on customer request, sample, and delivery schedule through
- Our management system.

Service



ACROPARTS TECHNOLOGY CO., LTD.

Thank you !

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