



TOCOS[®]

Tokyo Cosmos Electric Co., Ltd.

The TOCOS Way

Flexible way of thinking and new challenges

Since its establishment, the thing TOCOS thinks is most important has been aggressively developing new applications and proposals through persistent research and development (R&D) as well as quality products to market responding to diversifying customer demands.

We have been working hard to this day in a down-to-earth, simple, and honest manner as a trading company should be.

Meanwhile, the pace of change in the world has been accelerating.

In the electronics industry, we must change our way of thinking at this moment and take proper steps to meet the borderless concepts and proposals across the boundaries to date.

We-TOCOS (Tokyo Cosmos Electric)- are seeking ways to develop our skills and aim for high-value components manufacturing with its new perspectives and flexible creative capabilities. We name it "TOCOS Way" and Tocos will continue to take on new challenges



Products Value

TOCOS is engaged in a broad range of electronic businesses, including the in-vehicle equipment.



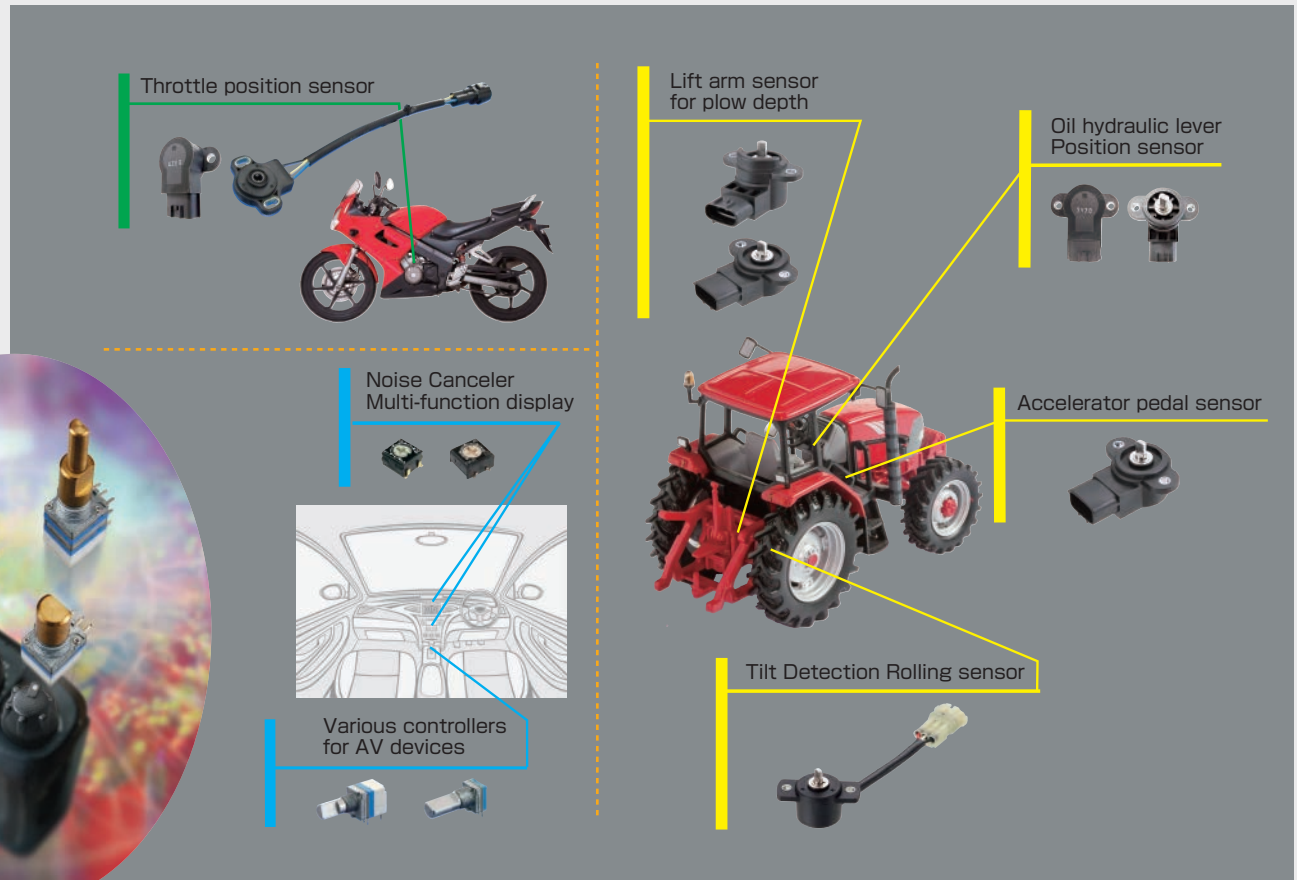
■ TOCOS has been widely expanding and deepening its activities.

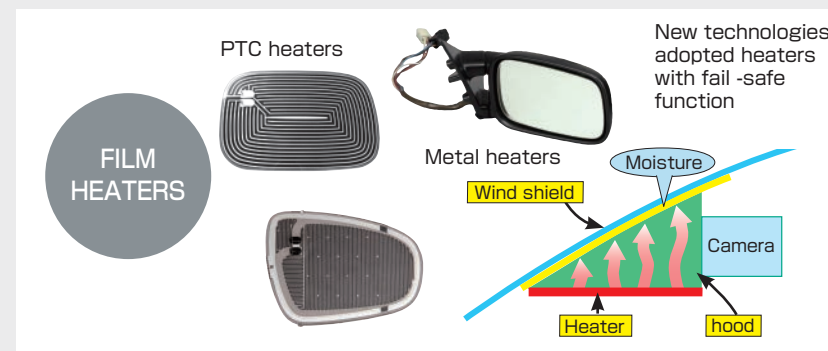
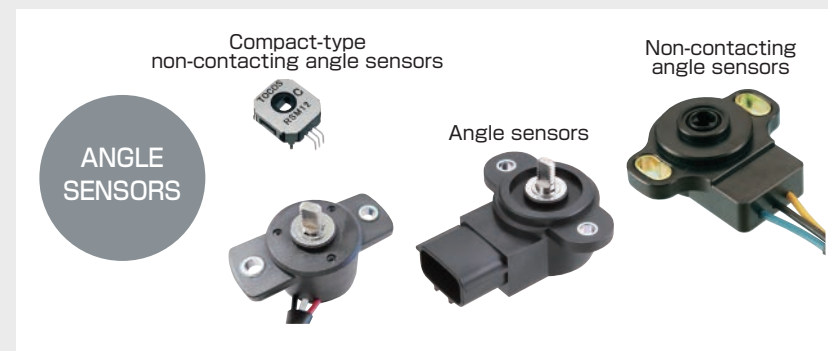
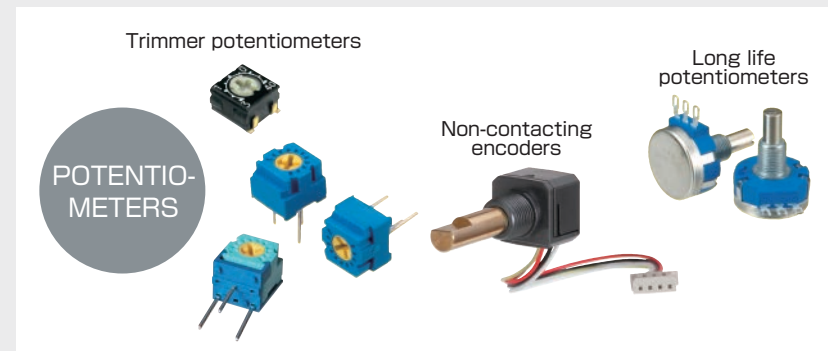
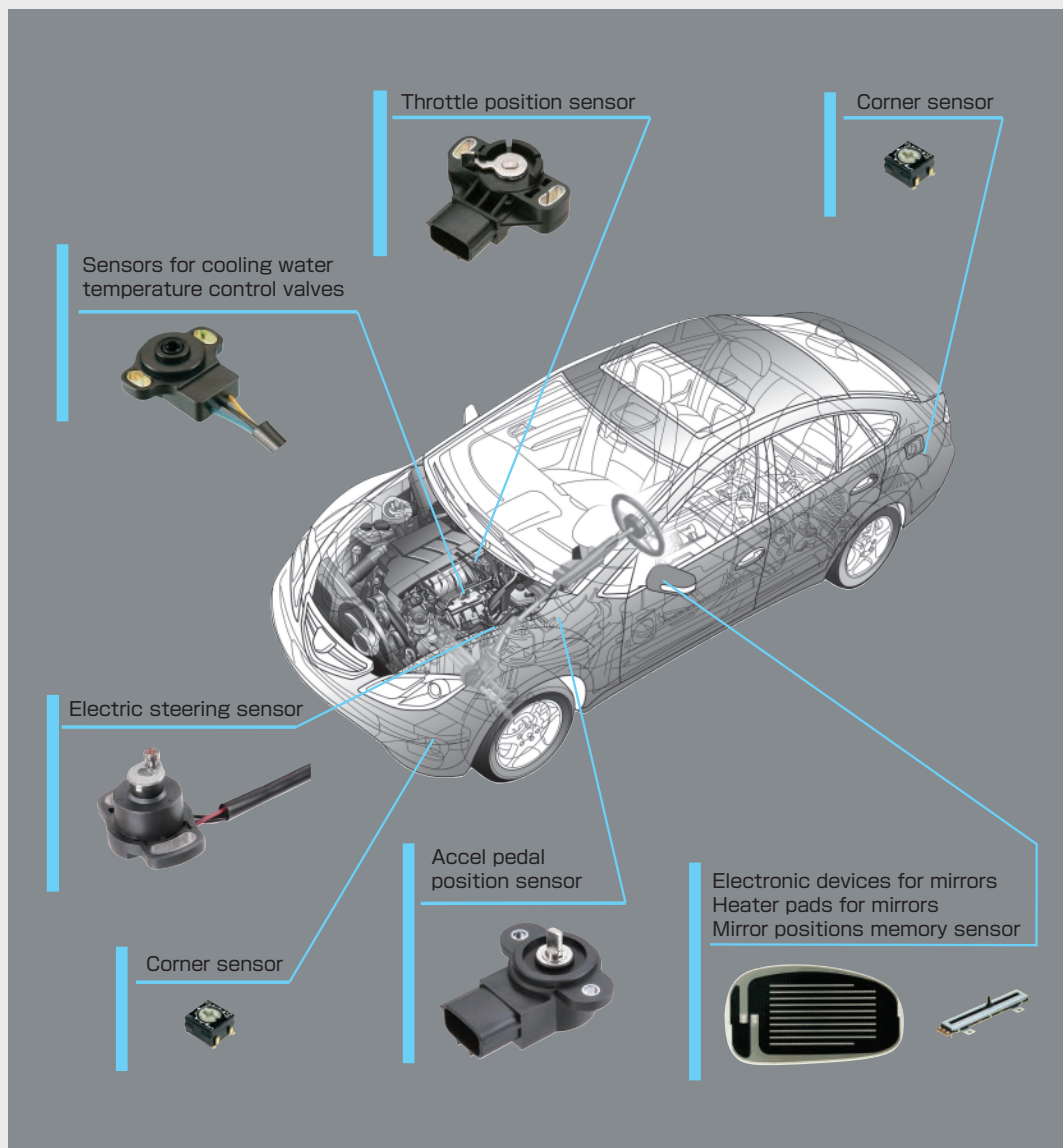
TOCOS has brought variable resistors (potentiometers), angle sensors and film heaters into the marketplace. All these components are essential to the electronic systems. Its activities are greatly expanding in the areas of electric/electronic devices, information/communications equipment and industrial machineries as well as automotive products and transportation equipment.

The role of the mounted components is getting important more and more along with improvements of performances/functions of electronics systems.

“To support the essential part of the leading-edge electronics scene”.

That is that very TOCOS’ mission.





Customer Oriented

Provide best possible answers corresponding to various customers' needs.



■ Pursuit of clients' satisfaction through cooperation of sales, engineers and factories

We have consistently adopted a "customers first" principle since its foundation. Beginning with listening carefully to customers' demands, we would like to propose best solutions based on its applications, requirements, costs and delivery time. Customers can select components in a wide standard lineup and custom-designed products which fulfill specific requirements are also available. through this integrated production and sales system,

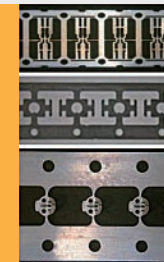
We have developed an integrated system ranging from design and production to inspection and shipment and under the highest levels of quality control, and we keep improving the reliability of our products. -Pursuing clients' satisfaction through cooperation of sales, engineers and factories-

This is the reason why TOCOS products have acquired high recognition among users worldwide.

**Ultra
Small**



**High
Accuracy**



**High
Quality**





Development & Manufacturing Network



The word "COSMOS" signifies an unlimited expanse of world and orderly system.

We named "TOCOS"(Tokyo Cosmos) because our goal of corporate activities has something in common. TOCOS is our products brand name.

■ For establishing and enhancing technological developments & production system

TOCOS has been promoting products improvements, developing new products and R&D activities for production innovation at headquarters located in Zama city, Kanagawa. Under the main theme of "Further down-sizing", "higher accuracy", "higher quality", we work on establishing performances/functions/product reliability that only Tocos can offer, using such unique basic technologies as element, resistive printing and structural designs. These are to be fed back to products so that we can respond to customer requests.

From the production's standpoint we address issues such as the whole production line efficiency including QC/Testing systems and securing work environment safety to reflect the results to the factories.

Tocos' domestic production sites are in the three major regions of Aizu&Shiirakawa (Fukushima pref.) and Nakatsu (Oita pref.)

In addition, overseas production factories in China (Shandon and Guangdong) are now in operation. Regarding the sales standpoint, we established alliances with partner companies both in Japan and abroad. The excellent supply chains developed in Japan and other countries help to support customers' manufacturing activities.

Domestic factories (Japan)

Aizu Cosmos



Automotive electronic sensors, Film heaters

Headquarters



General Administration, Planning, Accounting, Sales, QA, Engineering, Operations

Nakatsu Cosmos



Trimmer potentiometers, Automotive electronic sensors

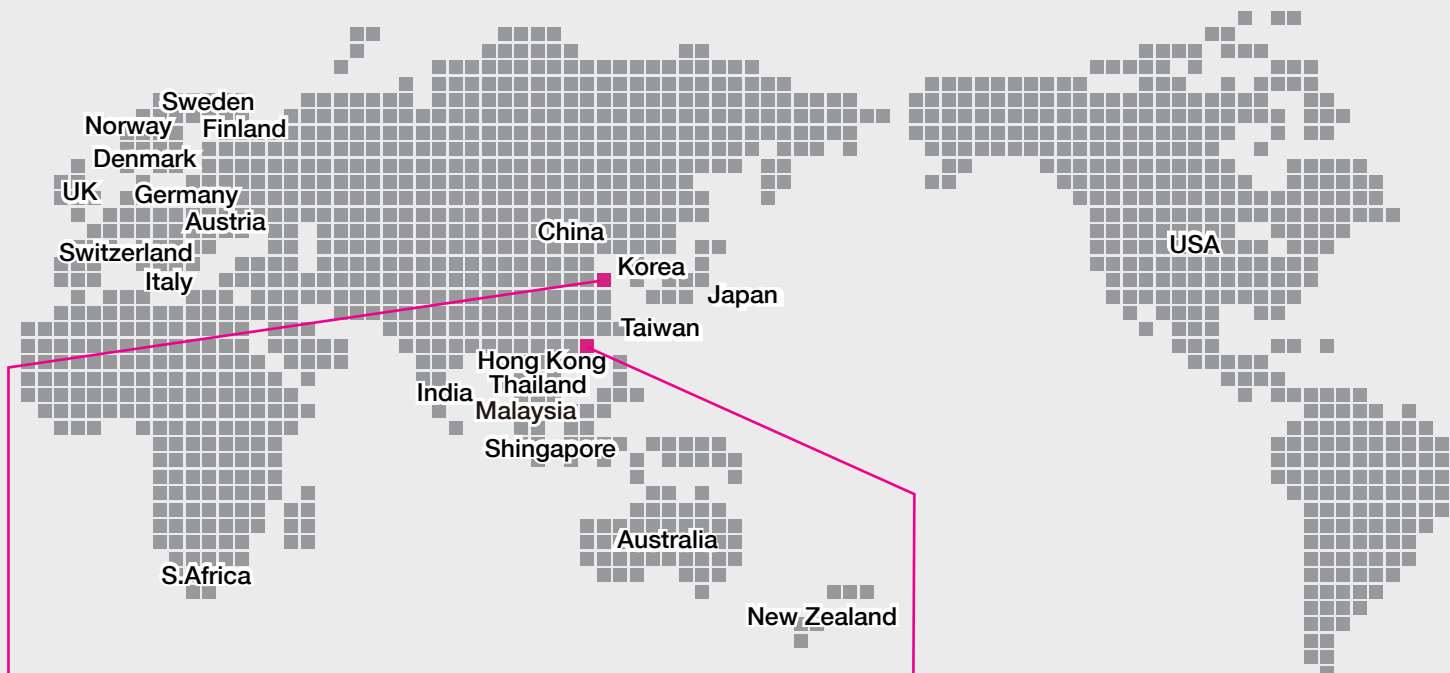
Shirakawa Cosmos



Automotive electronic sensors, Film heaters

Sales Network

TOCOS is determined to contribute to development in Japan and worldwide electronics industries, thereby helping create a prosperous society.



Overseas factories

China factory

Yantai Cosmos Electric Co., Ltd.



Electronic devices for automotive applications.

China factory

Guangzhou TOCOS Electric Co., Ltd.



Potentiometers,
Automotive electronic sensors

Sales department

- Overseas Sales Dept. at HQ
- TOCOS America, Inc.
- Taiwan Tocos Electric Co., Ltd.

Major trading partners

AcBel Polytech Inc.
 AISIN SEIKI Co., Ltd.
 BEI Sensors North America
 BK Technologies, Inc.
 Canon Inc.
 Delta Electronics, Inc.
 DENSO Corporation
 Extron Electronics
 Fender Musical Instruments Corp.
 FUJITSU Limited
 Garrett Electronics Inc.
 Gogoro Inc.
 Harman International Industries, Inc.
 Harris Corporation
 Hitachi Automotive Systems, Ltd.
 Honeywell International Inc.
 Ichikoh Industries, Ltd.
 JL Audio, Inc.
 JVC KENWOOD Corporation
 Keihin Corporation
 Komatsu Ltd.
 Kubota Corporation
 Kwang Yang Motor Co., Ltd.
 KYB Corporation
 KYOCERA Corporation
 McIntosh Laboratory, Inc.
 MERITS CO. LTD.
 MFS Technology (M) Sdn Bhd
 Motorola Solutions, Inc.
 Oki Electric Industry Co., Ltd.
 OMRON Corporation
 Panasonic Corporation
 Sony Corporation
 TDK-Lambda Malaysia Sdn. Bhd.
 Tyco Fire & Security GmbH
 ULVAC, Inc.
 WU'S TECH CO., LTD.
 XP Power LLC
 YAMAHA Motor Co., Ltd.
 YANMAR Co., Ltd.

And towards the future

Face customers, markets and the times
eye-to-eye for over 60 years



Motto

**Management
philosophy**

History

Message

Tokyo Cosmos Electric Co., Ltd. was established and started its operation in 1957 as an electronic components manufacturer specializing in quality variable resistors for industrial applications. Since then, we continuously have expanded the product lineup of variable resistors (potentiometers), and in 1976 we started mass production of angle sensors as automotive electrical components, and in 2016 we began production of automotive film heaters installed in preventive safety support device.

Through the diversification of such manufacturing product, we have grown along with the development of electronics industry in the field of electronic equipment, transportation equipment, industrial equipment, machinery and others. Based on our manufacturing technology of variable resistor, we have expanded our business scale to peripheral technologies and product areas, and have been working on innovation of nanotechnology, ultraprecision press mold technology, angle sensor technology, assembly with cutting-edge technology in order to respond to customers' various needs. Also, we have established supply chain management that responds to changes in the global business environment and have worked on improving product performance, improving quality, and making sure of the committed delivery date. We will continue to aim for further advancement in the electronics industry as a professional of angle sensors, film heaters and variable resistors. Regarding environmental initiatives, we will continue to develop company-wide exercise, including environmentally friendly design and resource consumption control through an appropriate inventory control. We are also planning to establish a basic policy on corporate governance codes and internal control systems to create an organization with high transparency, and trust and contribute to the development of society as a good corporate citizen.



Representative Director President

Yoshiki IWASAKI

Company Profile

Company Name	Tokyo Cosmos Electric Co., Ltd.
Established	June 28, 1957
Capital	1,277 mil. Japanese Yen
Securities	2nd Tokyo Stock Exchange Market
Headquarters	2-12-1 Sobudai, Zama, Kanagawa, 252-8550, JAPAN
	TEL : +81-46-253-2111
	FAX : +81-46-253-3640
	E-mail : info@tocos-j.co.jp
	URL : https://www.tocos-j.co.jp

Representative Director President	Yoshiki Iwasaki
Managing Director	Masaaki Iijima
Director	Hideo Nakajima
Director	Naomi Enomoto
Director & Audit and Supervisory Committee Member (full-time)	Yoshitaka Okano
Outside Audit & Supervisory Committee Member	Masanori Ono
Outside Audit & Supervisory Committee Member	Masanori Kitano
Outside Audit & Supervisory Committee Member	Takako Morita
Operating Officer	Kazuo Watanabe
Operating Officer	Takatoshi Fujiki
Operating Officer	Tetsuo Ando
Operating Officer	Tetsu Yoshida

Environmental line

TOCOS advances environmental protection activities from a global standpoint for design, development and production of potentiometers, electronic devices for automotive, flat self-regulating heaters and supply and sales of our own products and purchase as well as environmental protection for Zama city Kanagawa.

Principle:

1. Advance continuous improvements on environment protection and contamination prevention.
2. Observe applied relevant legal provisions and regulations, agreements, and other agreed requirements
3. Set a goal for the following items and implement, evaluate and review regularly.
4. Educate all employees and staff assigned from outside the company to maintain environment protection activities so as they can understand environmental line.

Motto & Management philosophies

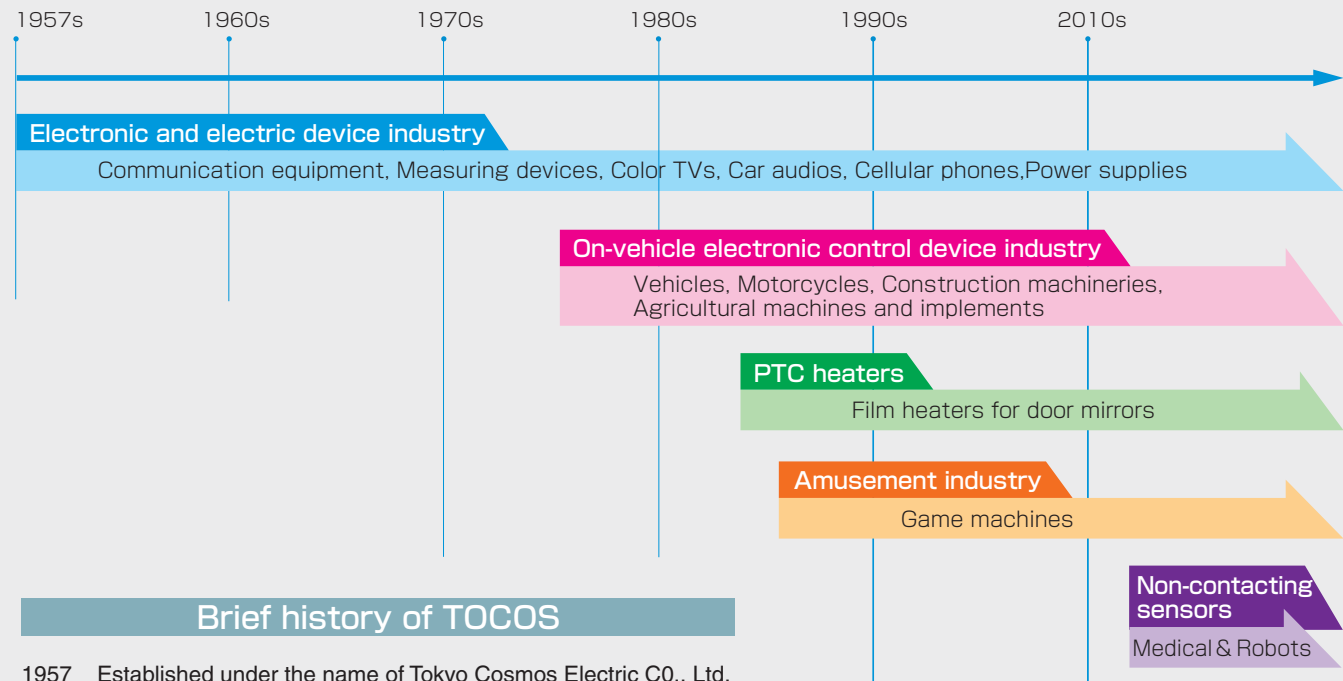
Motto

- (1) Take the Lead to Win
- (2) Secure Delivery and Supply
- (3) Technological Innovation
- (4) Zero Defect
- (5) Review/Awareness

Corporate and management philosophies

- (1) Conduct our businesses with openness and transparency
- (2) Accommodate the reliance of our society.
- (3) Create rewarding workplaces.
- (4) Implement environmental assessments

Corporate history



Brief history of TOCOS

- | | |
|------|----------------------------------------------------------------------------------------------------------|
| 1957 | Established under the name of Tokyo Cosmos Electric CO., Ltd. |
| 1961 | Listed 2nd section of Tokyo Stock Exchange
Kanagawa facility started its operation |
| 1972 | Established Shirakawa Cosmos Electric Co., Ltd. |
| 1983 | Founded Tocos America, Inc Chicago, IL |
| 1984 | Nakatsu Cosmos Electric started its operation |
| 1987 | Established Taiwan Tocos Electric CO., Ltd. |
| 2000 | Established Tocos (H.K) Limited |
| 2009 | Aizu Cosmos new plant started its production |
| 2010 | Yantai Cosmos started its operation |
| 2015 | Founded Guangzhou Tocos Electric CO., Ltd.
The second plant of Shirakawa cosmos started its operation |
| 2017 | Established Aizu cosmos' second plant
Integrated Tocos (H.K) into Guangzhou Tocos Electric Co. |
| 2018 | Shirakawa Cosmos started operation of the third plant. |

We have a track record of over 40 years as an Automotive devices manufacturer.

TOCOS®

Continuing TOCOS Way



ISO9001-2015, ISO14001-2015 Certified

Tokyo Cosmos Electric Co., Ltd.

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TEL : +81-46-253-2111 / FAX : +81-46-253-3640

e-mail : promo@tocos-j.co.jp (For further Inquiries of product) / info@tocos-j.co.jp (For other inquiries)

Kanagawa Sales Office : 2-12-1 Sobudai, Zama, Kanagawa 252-8550, Japan

TEL : +81-46-253-2115 / FAX : +81-46-253-3640 / e-mail : kngw@tocos-j.co.jp

Overseas Sales Dept. : 3F, #2 Dempa Bldg., 2-14-10, Sotokanda, Chiyoda-ku, Tokyo, 101-0021, Japan

TEL : +81-3-3255-3911 / FAX : +81-3-3258-3159 / e-mail : sales@tocos-j.co.jp

TOCOS America, Inc. : 1177 East Tower Road, Schaumburg, IL 60173, USA TEL : 1-847-884-6664 / FAX : 1-847-884-6665

Web : www.tocos.com / E-mail : sales@tocos.com

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