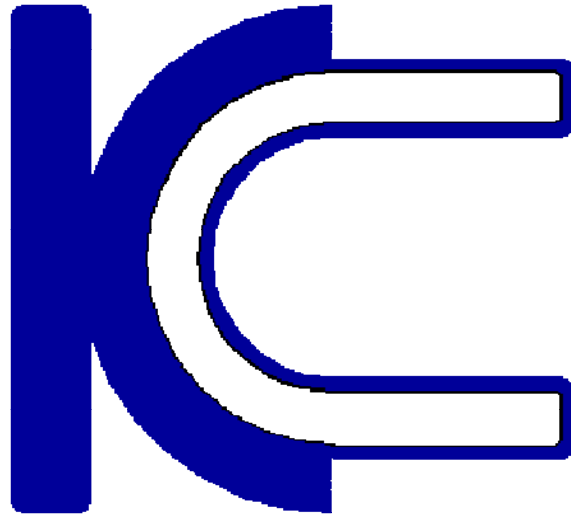


KING CORE ELECTRONICS INC.



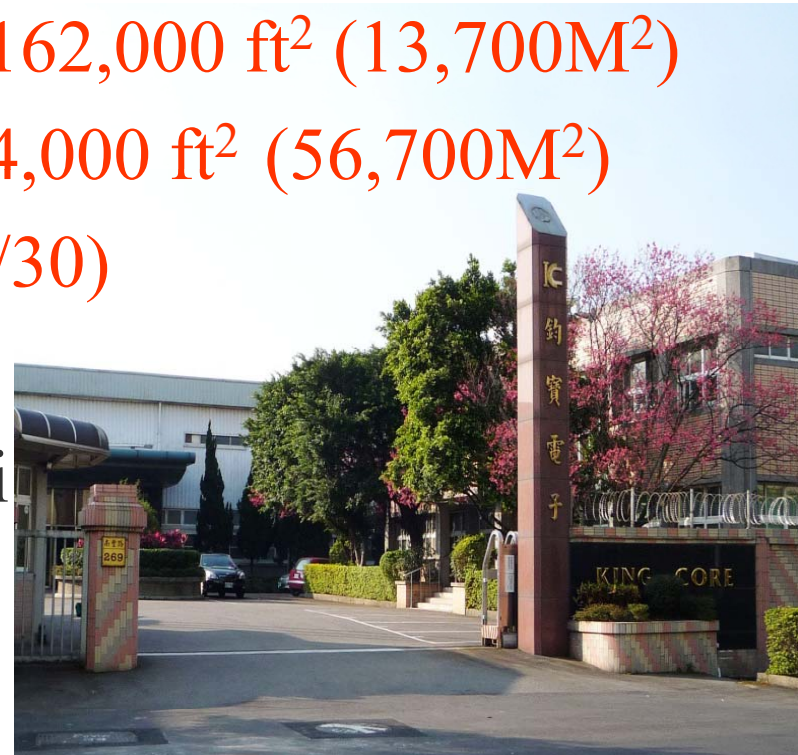
Your Best EMI Solution Partner

A Company with Health, Happiness and Prospect



COMPANY INTRODUCTION

- Date of Establishment: **Nov. 29, 1986.**
- Location: **Taoyuan Taiwan, 162,000 ft² (13,700M²)**
Suzhou China, 614,000 ft² (56,700M²)
- Capital: **USD 29 M. (2022/9/30)**
- President: Henry Yang
- General Manager: Jonas Tsai
- Employees: **~500 Persons**

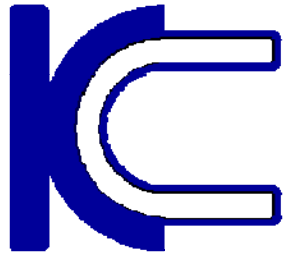




COMPANY HISTORY

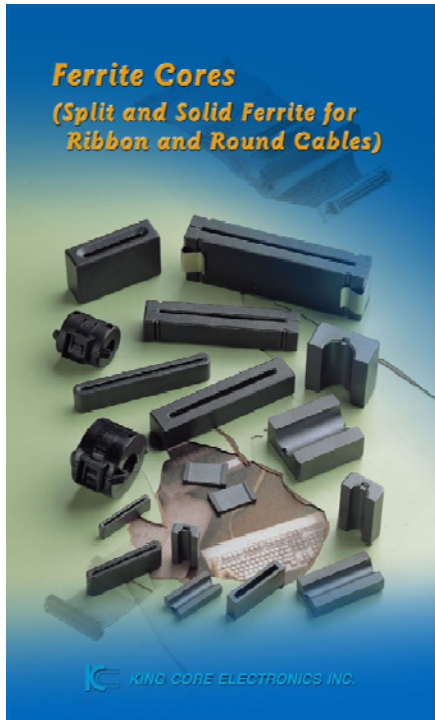
- ✦ 1986 : Established to produce ferrite cores
- ✦ 1995 : The second factory established to produce SMT multilayer chip beads / inductors.
- ✦ 1996 : ISO 9000 certificated
- ✦ 1999 : Foundation Laying of King Core – Suzhou China
- ✦ 2001 : To be listed company on OTC (Stock Code : 6155)
- ✦ 2003 : The third factory established to produce SMT precision chokes and coils.
- ✦ 2006 : To be listed company on TWSE
- ✦ 2008 : ISO 14000 certificated
- ✦ 2009 : To be SONY Green Partner
- ✦ 2009 : IECQ QC080000 certificated
- ✦ 2012 : IATF 16949 certificated
- ✦ 2013 : To invest in developing GHz filter
- ✦ 2014 : To invest in developing mini power choke / inductor
- ✦ 2016 : Solar Power Generation at Pingjhen site : 417.6KW, 500K degrees/year
- ✦ 2017 : To invest in developing LTCC BPF, LPF, Diplexer
- ✦ 2019 : To invest in developing Large Size Ferrite Core for E-Car/Bus
- ✦ 2020 : To invest in developing Inductive Antenna





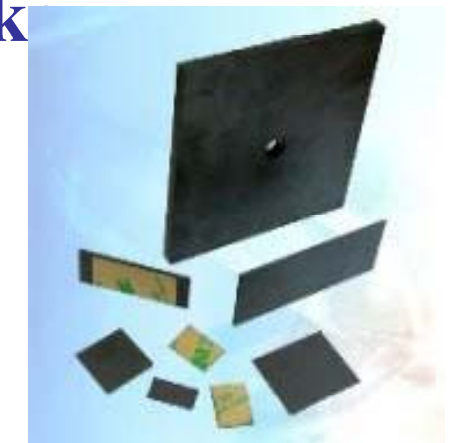
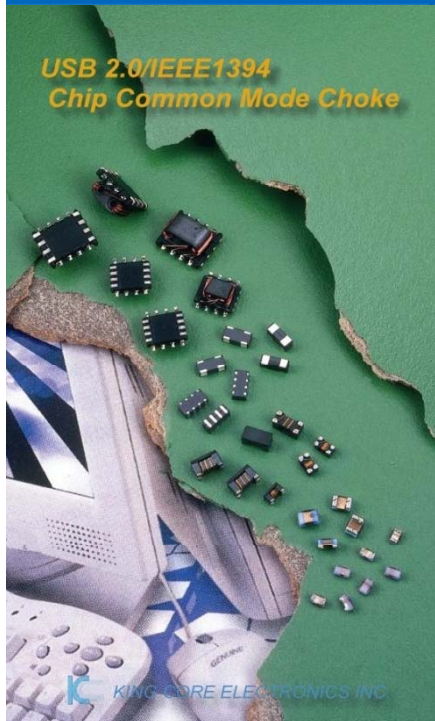
AWARD & HONOR

- 1997 : The first computerized ferrite factory in Taiwan and also the example factory by government Taiwan Small and Medium Enterprise Administration Ministry of Economic Affairs.
- 1999 : Awarded “the Rising Star” by Government, the best Medium and small enterprises.
- 2000 : Been Awarded “ The Achievement Price of Industrial Pollution Prevention and Waste Control” by Ministry of Economic Affairs, ROC
- 2000 : Been Awarded “The Best Center-satellite Factory of Environment Management” by Compal Computer Corp.
- 2001 : KC’s Founder and President, Mr. Yang, been awarded “24th Annual Models of Chinese Youth Entrepreneur”
- 2002 : Been awarded by Asus Computer Inc as the “2001 the Best Cooperative Supplier”
- 2002 : Been selected by Global Views Monthly as the 24th Best-Performance Company in Info Tech Top 200 of Taiwan
- 2005 : Been selected by Deloitte as the Top 500 of Asia Tech. company
- 2007~2022 : Hitachi best performance vendor award.
- 2019~2022 : The National Health Administration of the Ministry of Health and Welfare issued [Healthy Workplace Certification and Health Care Start Mark]

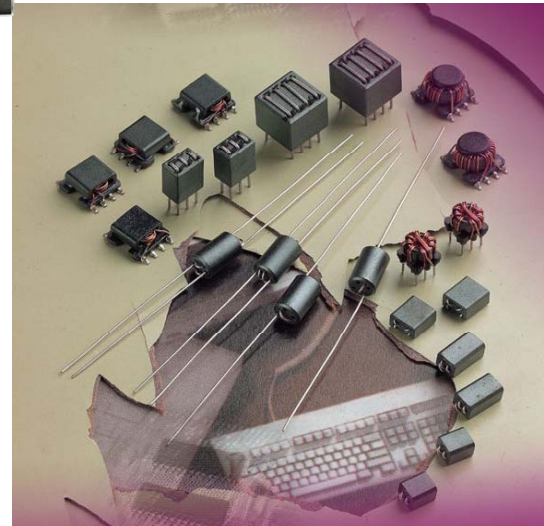


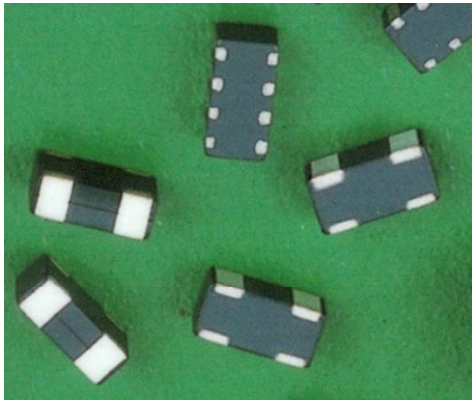
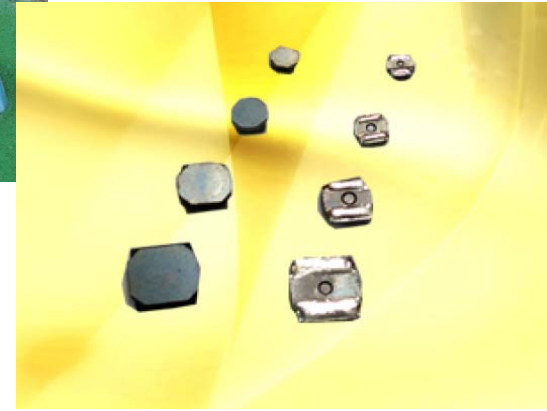
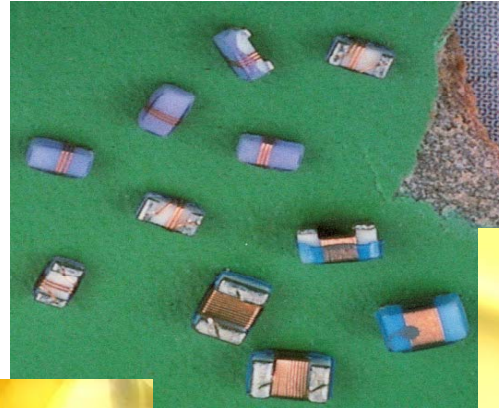
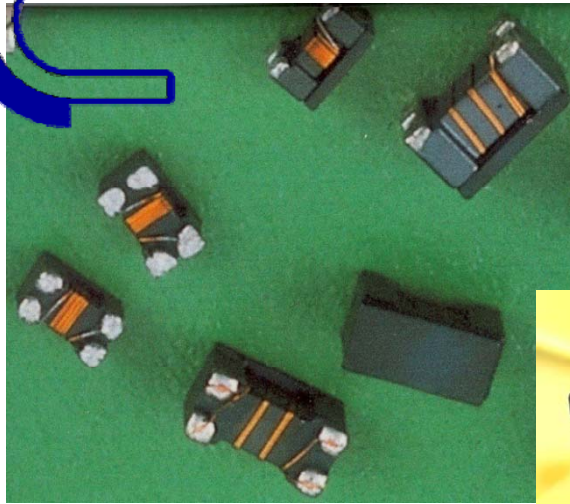
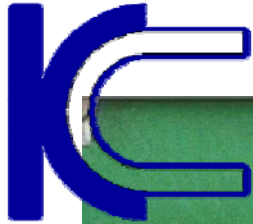
MAIN PRODUCTS

- **EMI Suppression Ferrite Cores**
 - **600 tons**
- **SMT Multilayer Chip Beads & Inductors**
 - **400~600 kkpcs (0402/0603)**
- **Wound Chip inductor & Choke**
 - **150~200 kkpcs**
- **Ferrite Absorber**
 - **2 kkpcs**



2022/12/06

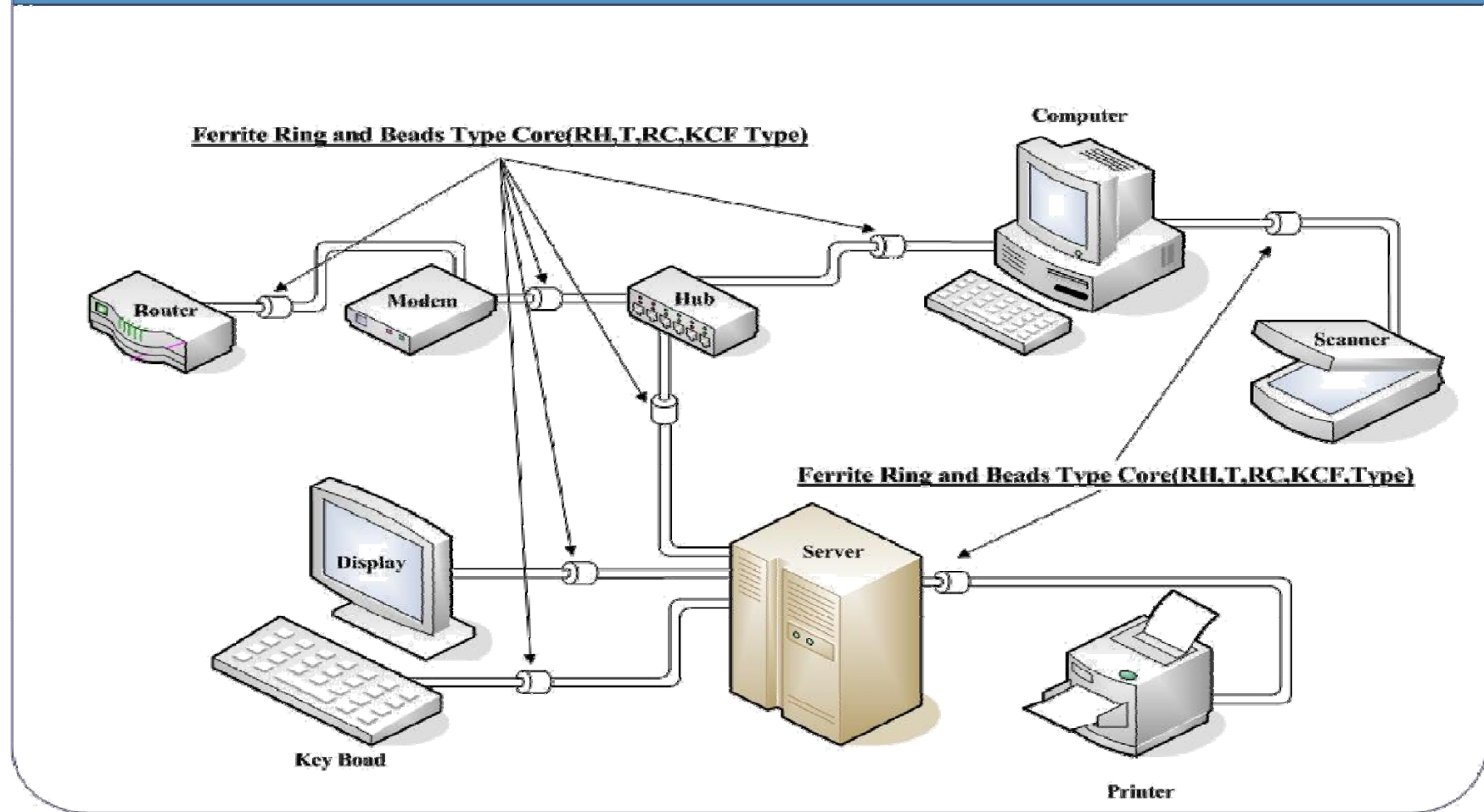






KC EMI Suppression Core Application

An Illustration of How to Apply EMI Ferrite Core on Cable





KC EMI Filter Application

CPU data bus之對策
 可:採用**FBM-10 series**
 10 - 70 ohm bead

Comm 1, 2 介面之EMI 對策
 可:採用**FBM-10 series**
 70 - 220 ohm bead

Modem 電話介面之EMI 對策
 可:採用**FBM-11 series**
 600 - 1000 ohm bead

IC 電源 Vcc+ in之對策
 可:採用**FBM...A series**
 耐大電流 120 ohm bead

Print Port介面之EMI 對策
 可:採用**FBM-11 series**
 70 - 300 ohm bead

DC in 電源input之對策
 可:採用**FBM...A series**
 耐大電流 120 ohm bead

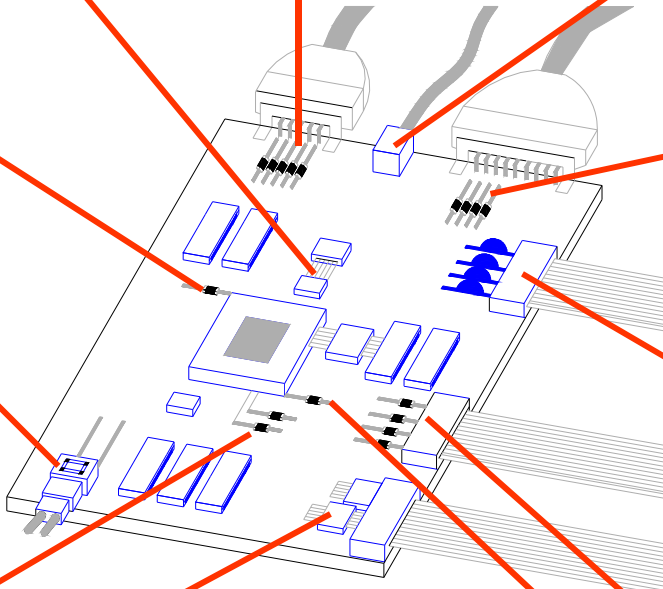
Video out or LVDS介面之 EMI對策
 可:採用**FBM-10 series**
 30 - 120 ohm bead

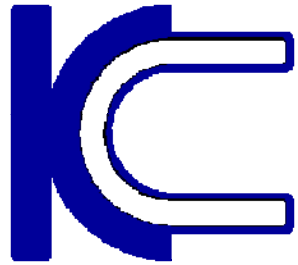
Clock Generator 之對策
 可:採用**FBM-10 series**
 10 - 70 ohm bead

IEEE 1394 or USB or LAN 介面之EMI對策
 可:採用**WCM series** 90-220 ohm common choke

IC Grounding 接地之對策
 可:採用**FBM-11 series**
 120 - 600 ohm bead

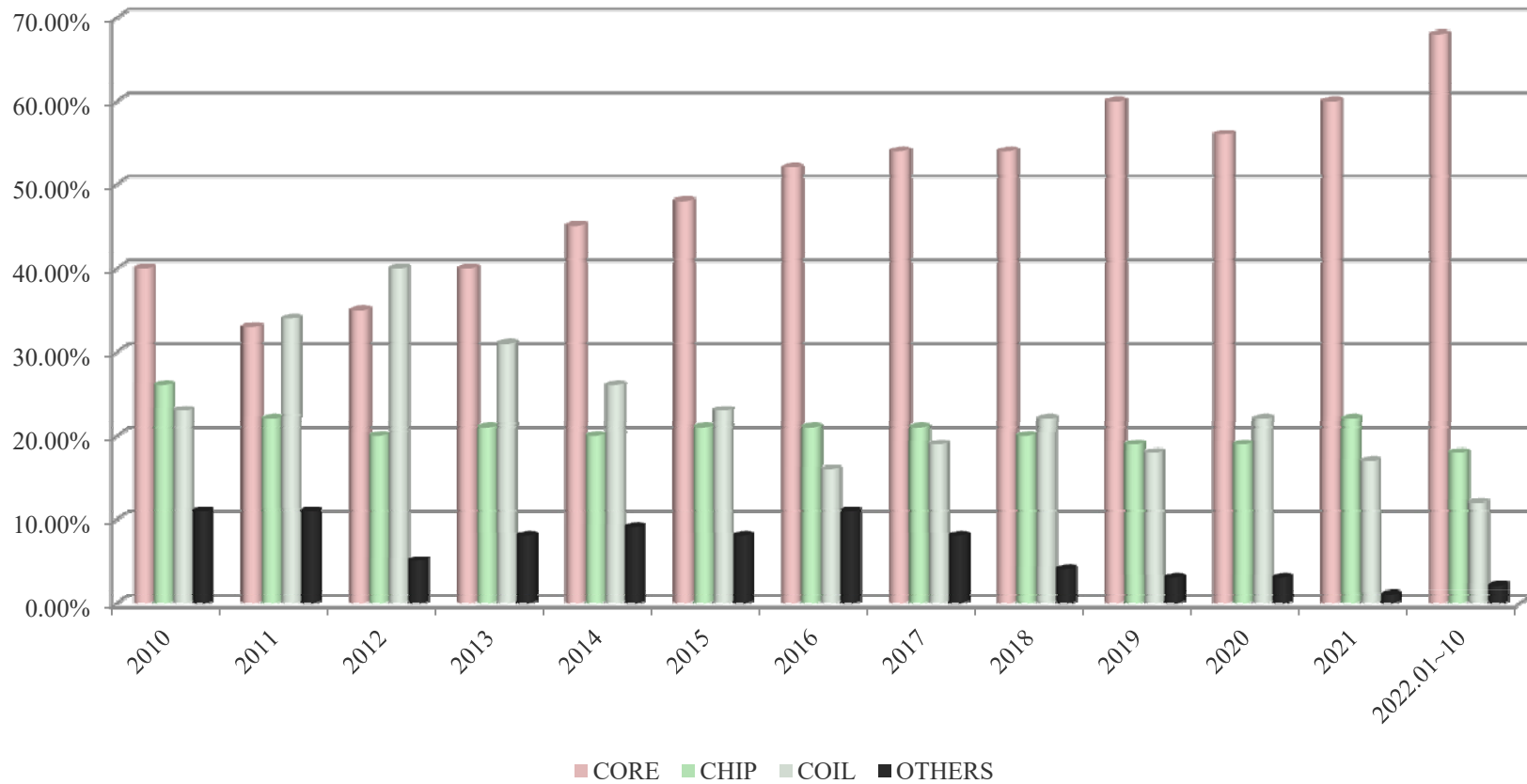
HDD or CD-ROM介面之 EMI對策
 可:採用**FBM-10 series**
 10 - 70 ohm bead

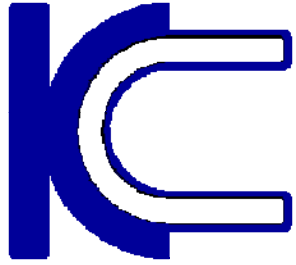




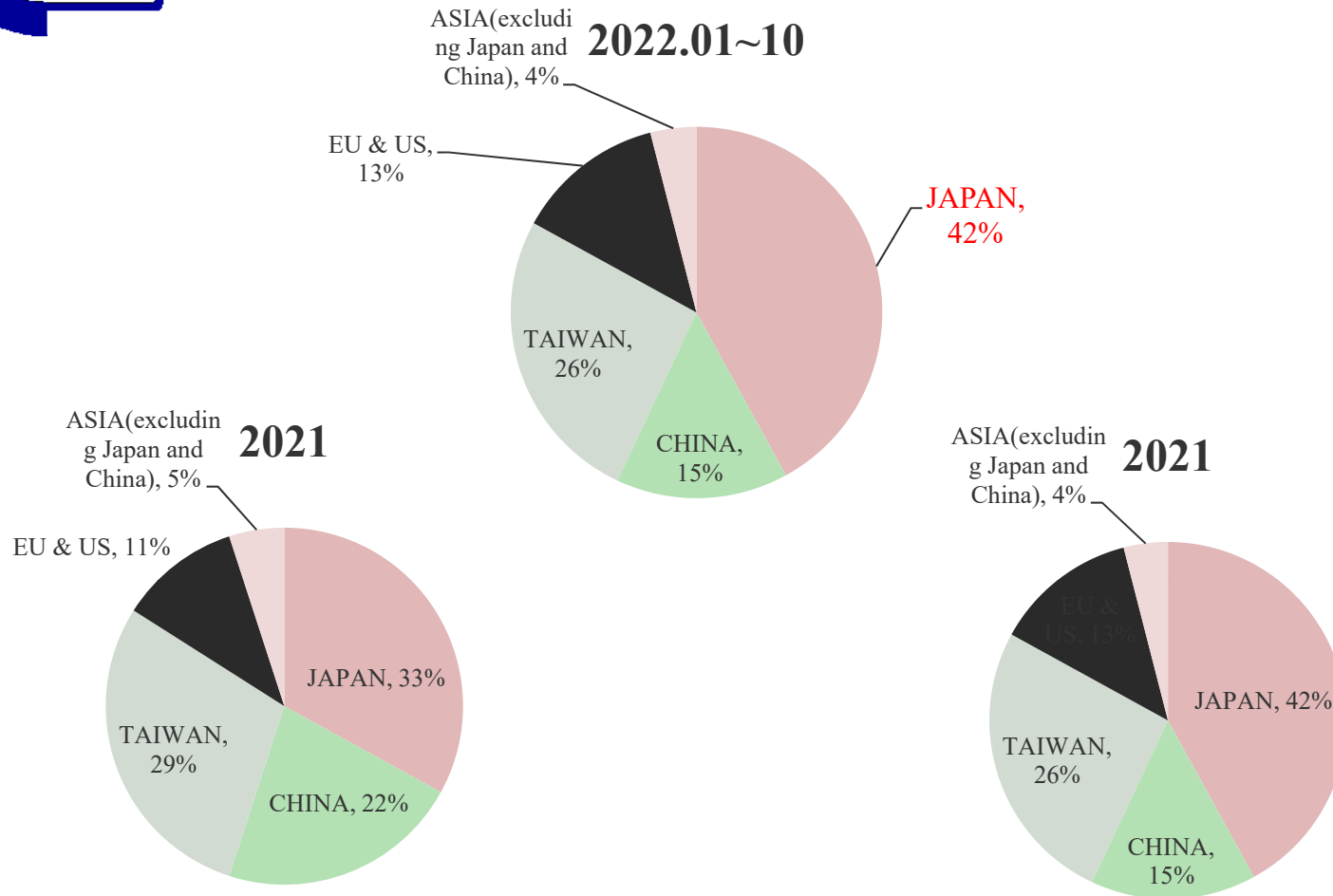
Proportion of Product Type

2022.1~10
CORE : 68%
CHIP : 18%
COIL : 12%
OTHERS : 2%

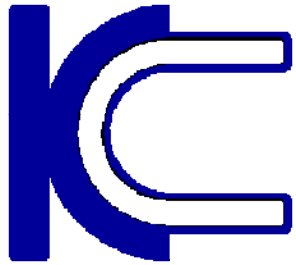




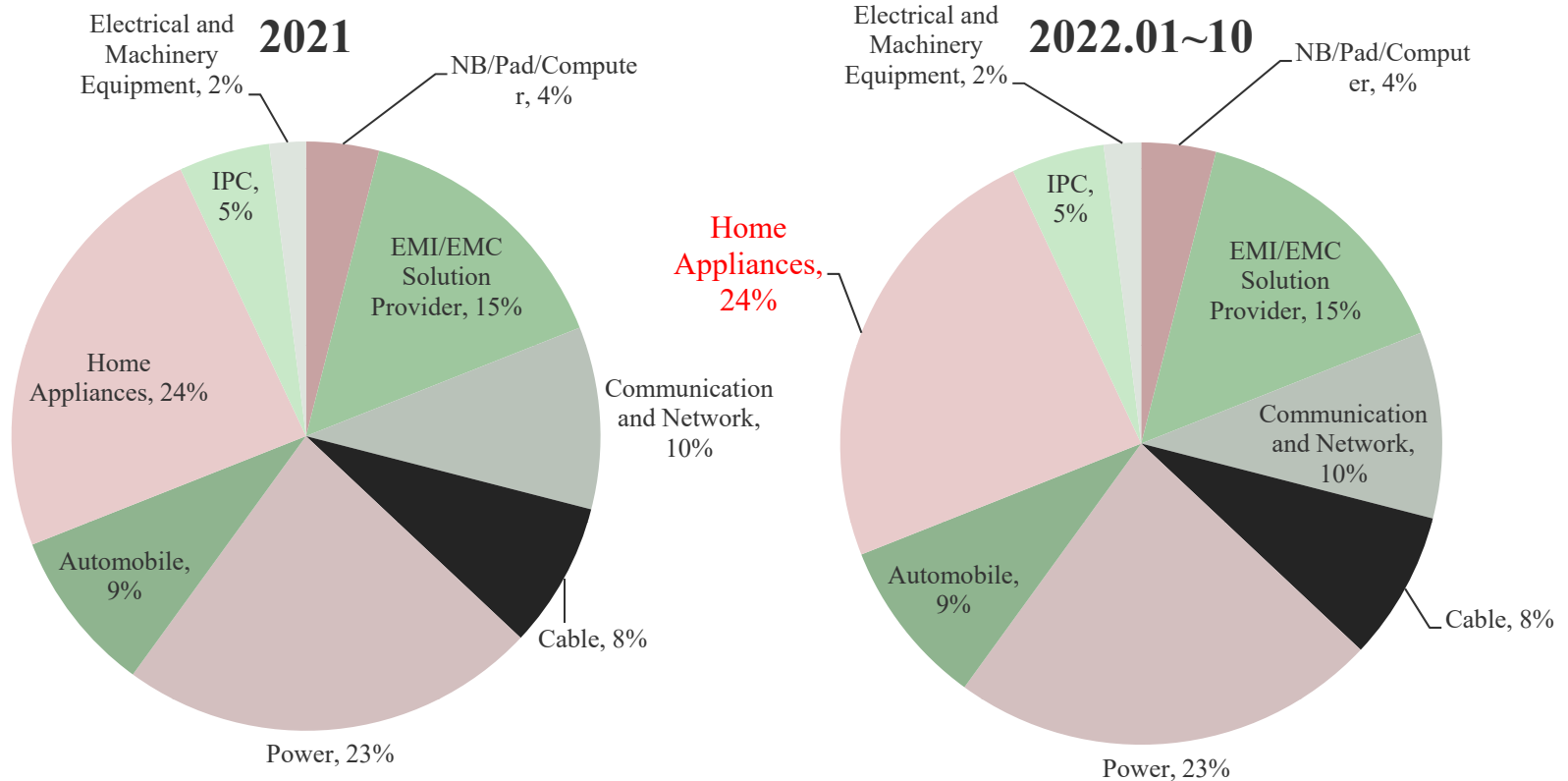
Proportion of Customer Area



2022/12/06



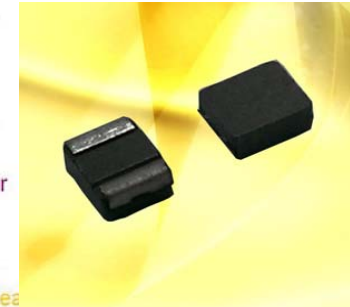
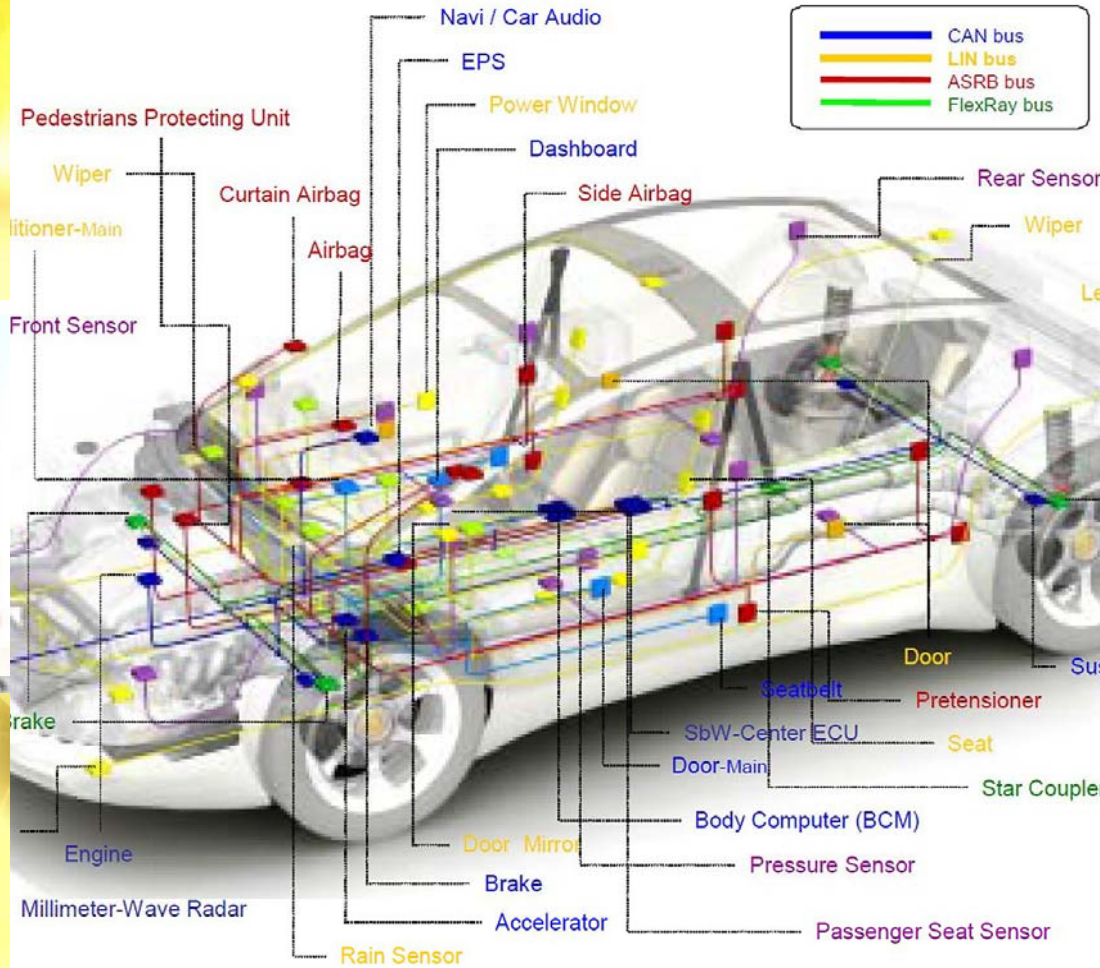
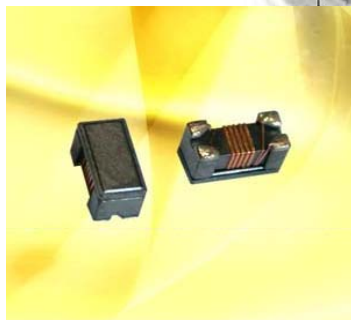
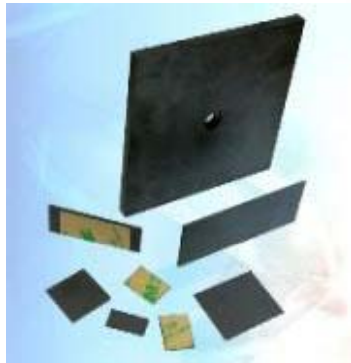
Proportion of Customer Group



Home Appliances, 24%



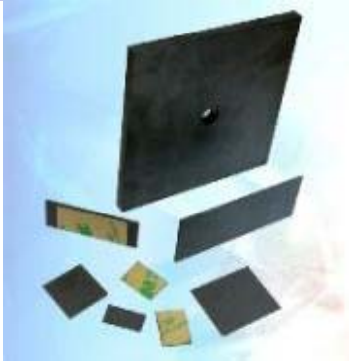
Automobile Electronics Application



2022/12/06

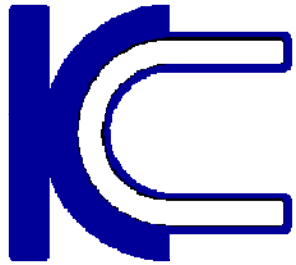


Power Application

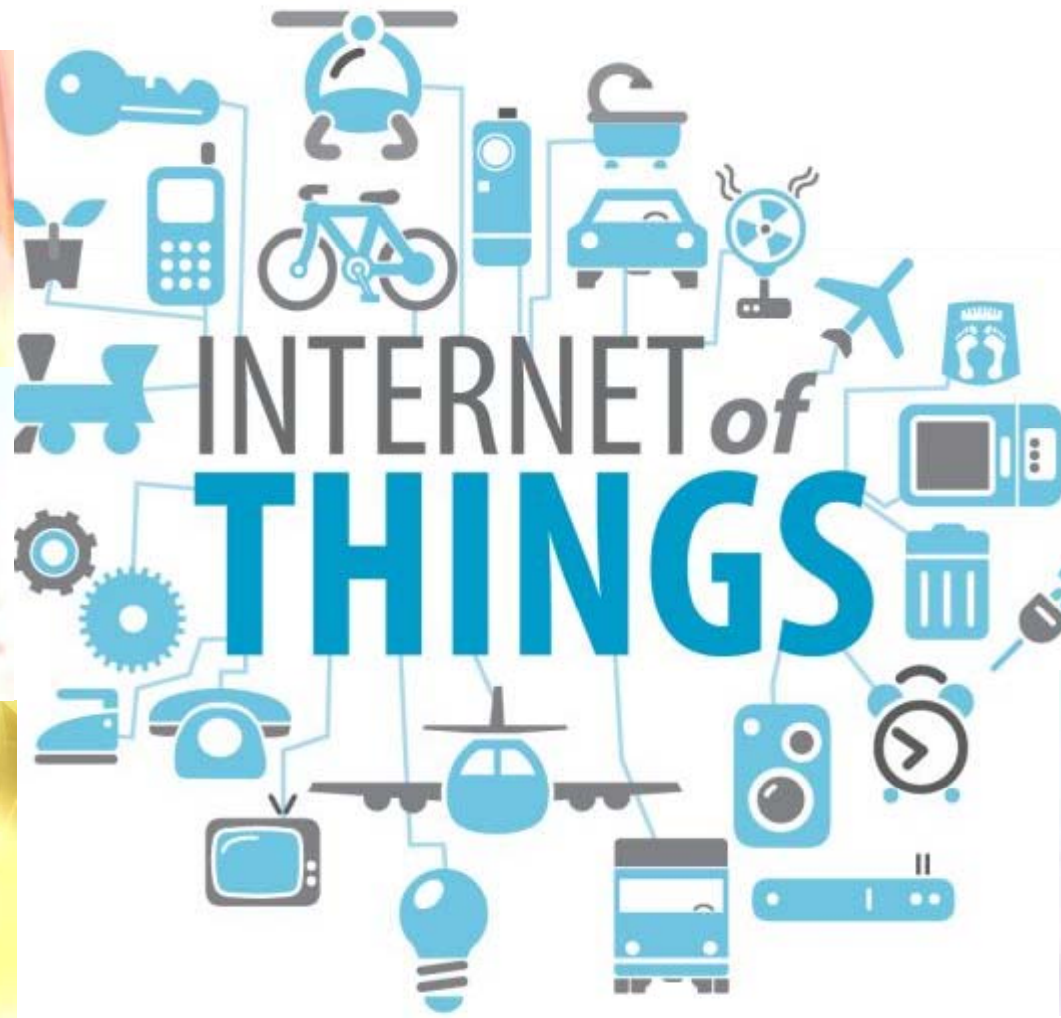
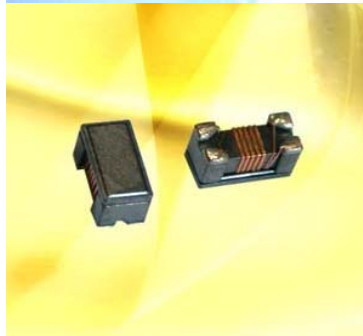


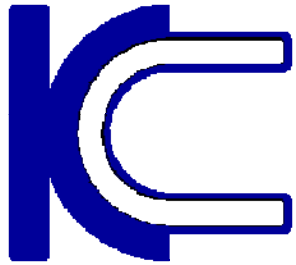
2022/12/06

14

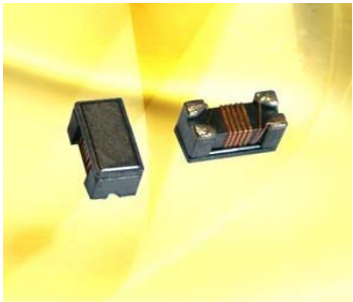
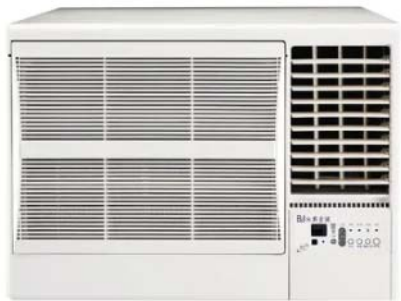


Communication and Network Application

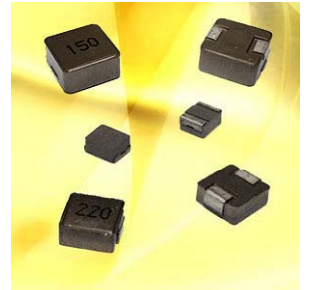




Home Appliances and IPC

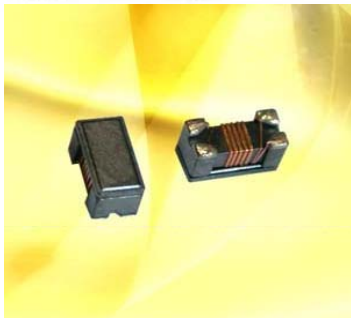
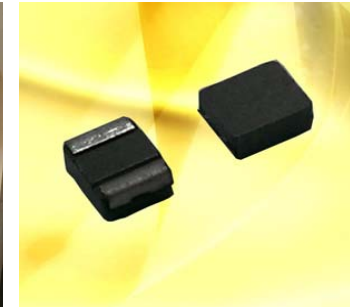


2020/11/26

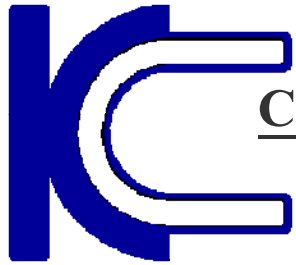




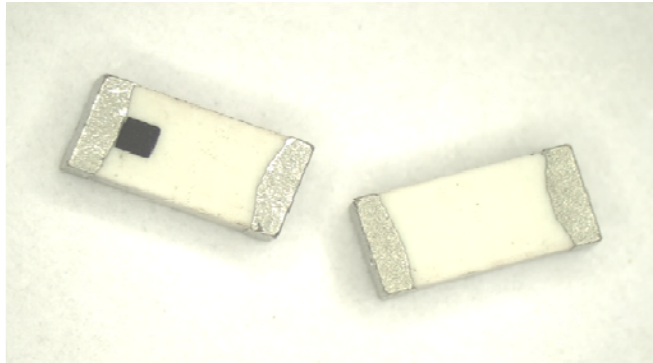
Home Appliances and IPC

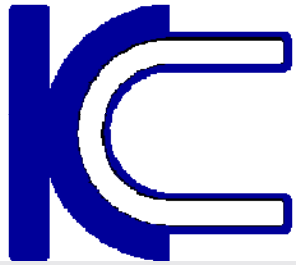


2022/12/06

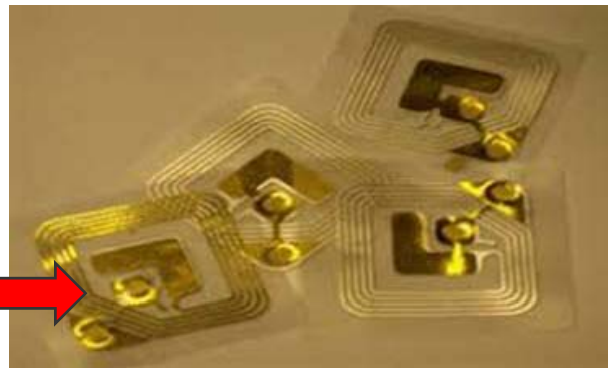
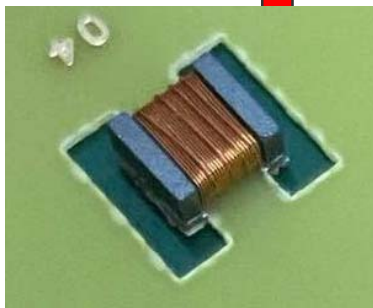


Chip Antenna Bluetooth/Wireless LAN/Home RF Application





RFID Antenna



2022/12/06



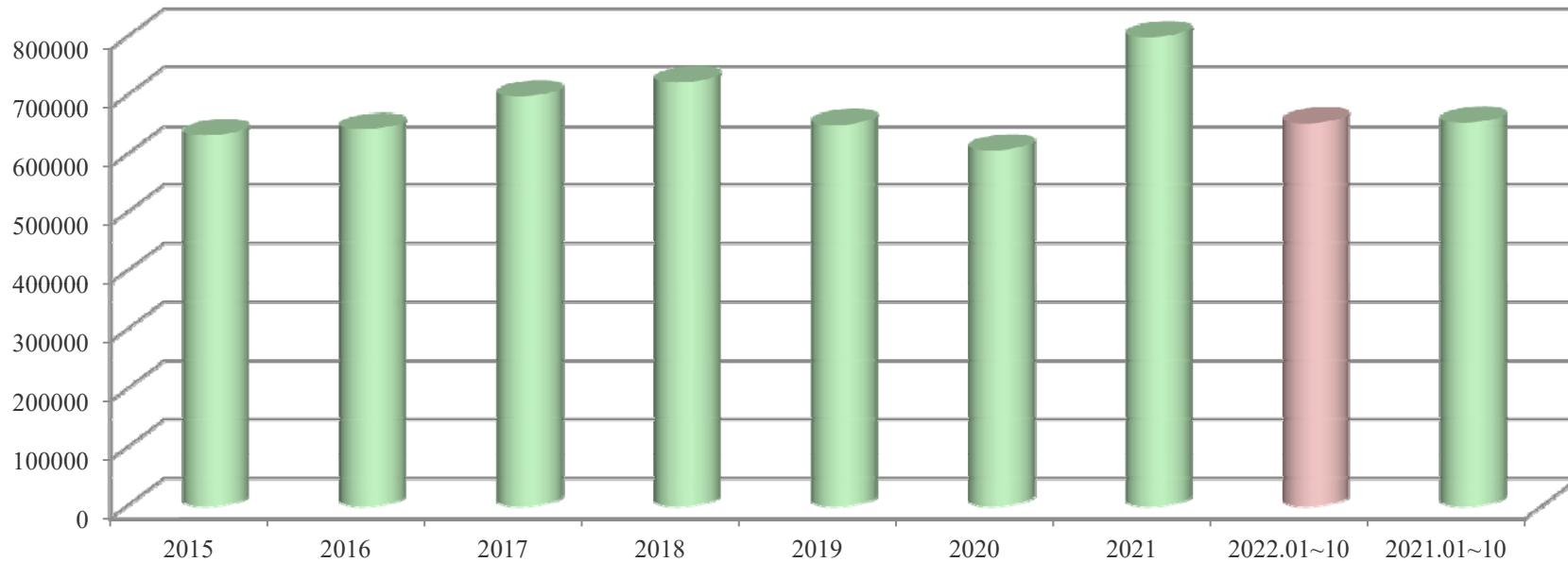
NTD : K

Turnover over the years

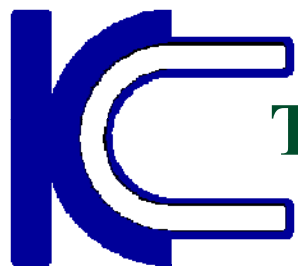
2022.1~10 : 652,504

YoY : -0.2%

Net Revenue

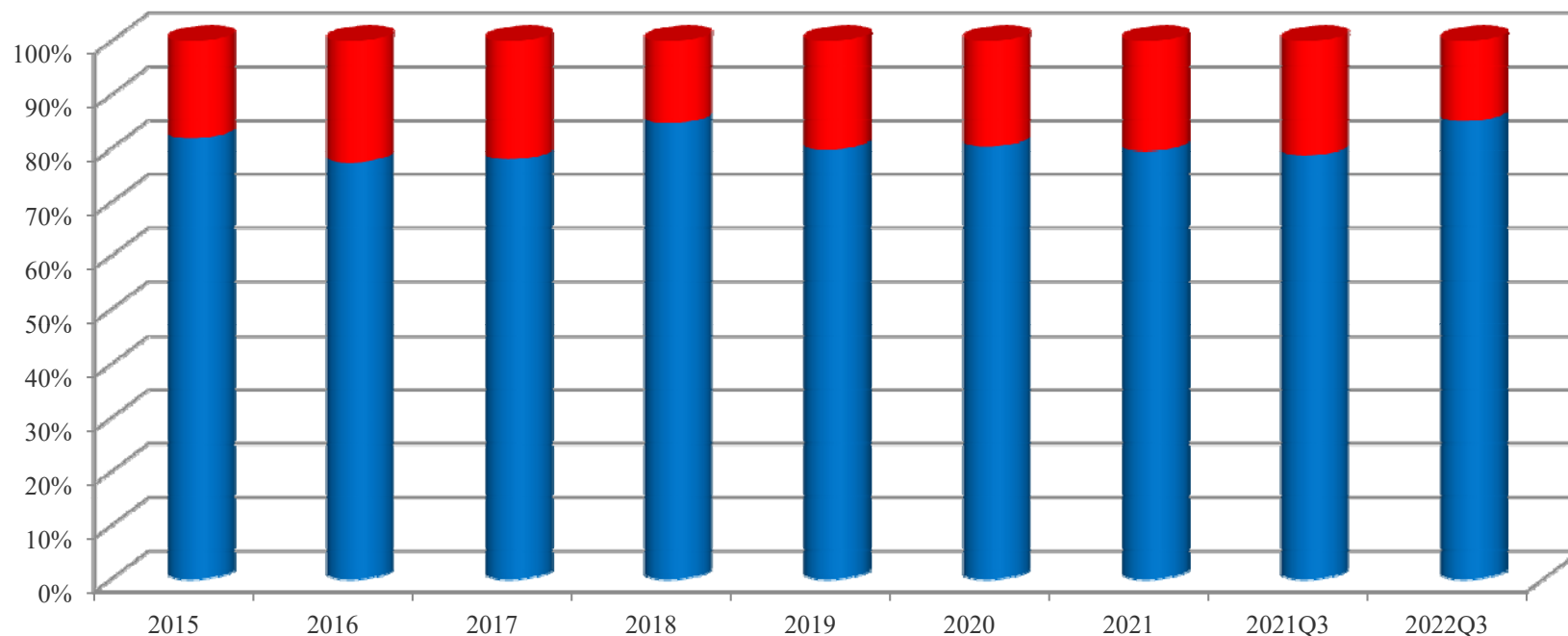


	2015	2016	2017	2018	2019	2020	2021	2022.1~10
Sales Amount	632,332	642,745	698,467	722,186	649,900	606,740	799,566	652,504



Turnover proportion in Taiwan and Suzhou

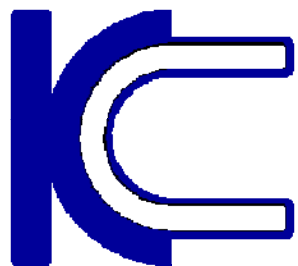
■ TAIWAN ■ CHINA



	2015	2016	2017	2018	2019	2020	2021	2022Q3
Taiwan	82%	78%	78%	85%	80%	81%	80%	85%
China	18%	22%	22%	15%	20%	19%	20%	15%

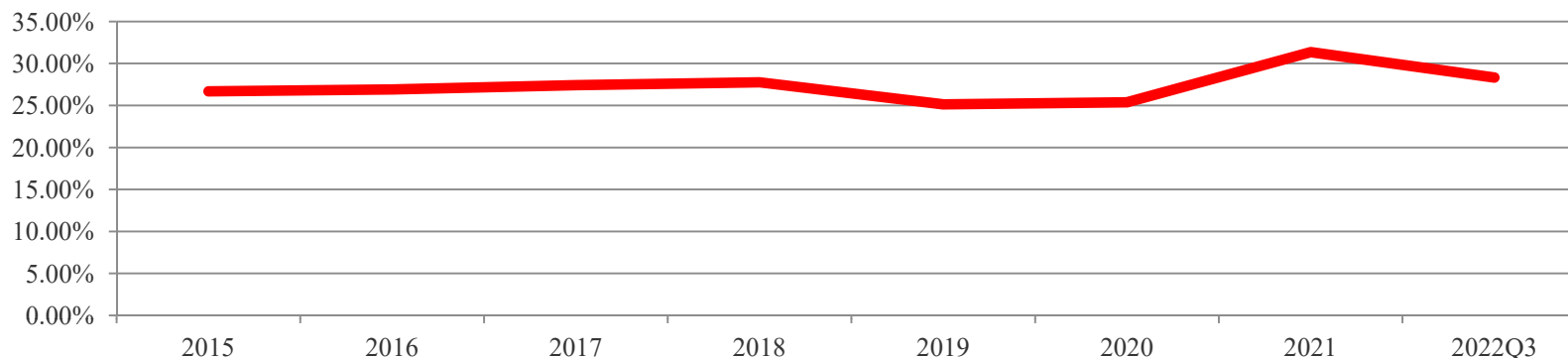
2022/12/06

21



Performance

Gross Margin(%)



Unit : NTD, K

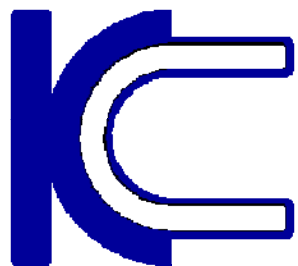
	2015	2016	2017	2018	2019	2020	2021	2022Q3
Net Revenue	632,332	642,745	698,467	722,186	649,900	606,740	799,566	590,392
Gross Profit	168,718	172,964	191,501	200,491	163,313	153,991	250,667	167,245
Gross Margin(%)	26.68%	26.91%	27.42%	27.76%	25.13%	25.38%	31.35%	28.33%
Profit before tax	122,163	98,105	43,480	158,602	96,436	40,159	107,773	228,287
Profit for the period	104,086	82,557	42,957	127,497	80,341	34,073	80,798	181,010
ROE(%)	7.05	5.8	3.11	9.24	5.66	2.43	5.69	12.31
EPS (NT Dollar)	1.22	0.96	0.5	1.48	0.93	0.39	0.93	2.08

Note 1: Above financial information has been audited by CPA.

Note 2 : Adopting International Financial Reporting Standards since year 2013.

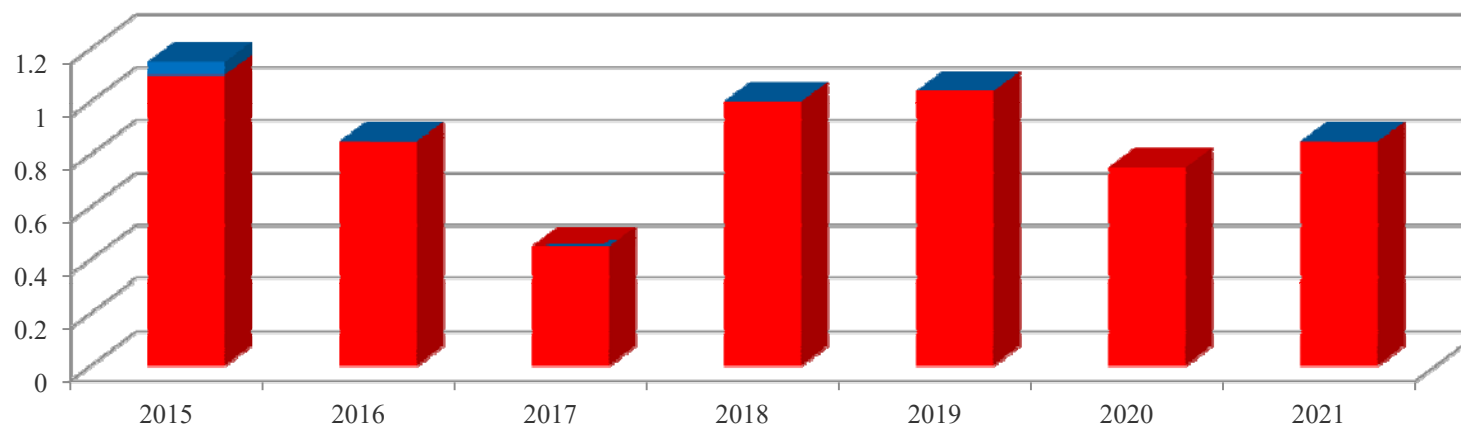
2022/12/06

22



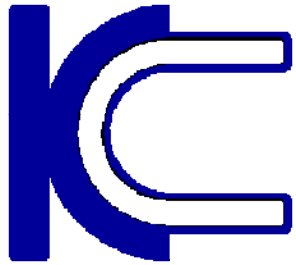
Dividend

■ 每股股利(現金) Dividend(cash) ■ 每股股利(股票) Dividend(stock)



	2015	2016	2017	2018	2019	2020	2021
Basic earnings per share (NT Dollar)	1.22	0.96	0.5	1.48	0.93	0.39	0.93
Dividend (Cash)	1.1	0.85	0.45	1.0	1.04	0.75	0.85
Dividend (Stock)	0.05	0	0	0	0	0	0
Dividend (Total)	1.15	0.85	0.45	1.0	1.04	0.75	0.85
Payment ratio	94.26%	88.43%	90.27%	67.68%	111.83%	192.31%	91.40%

Note :Employee bonus as expenses since year 2008.

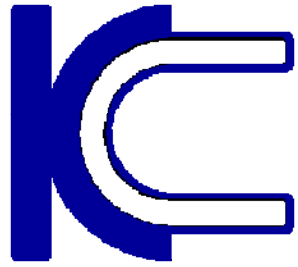


KC Product Development Roadmap

Product Target	Major Knowhow	Market Application
Common Mode Filter / Choke	Precision and patent LTCC design and manufacturing	Automotive Electronics, 5G, Ultra-high speed differential signal interface such as Common Mode, BPF, LPF and Diplexer
GHz impedance suppression component in Multilayer chip design and material	Material composition, inner circuit design, precision printing technique	5G, GHz chip suppressor for EMI/RFI solution application
EMI suppression absorber ferrite material	Material composition, pressing technique, sintering technique	Automotive Electronics, 5G, NFC, WPC, EMI/RFI shielding tool, EMI suppression component
Inductive Antenna	Material composition, inner circuit design, winding technique	Automotive Electronics, Smart Home, RFID, Security System wireless sensors application
High current power choke	Material composition, inner circuit design, lamination & winding technique	Automotive Electronics, Miniaturization 3C product's EMI & high current power solution

2022/12/06

24



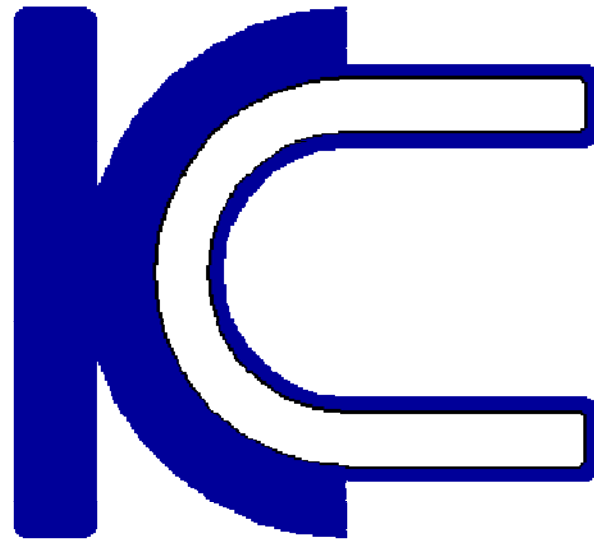
2023 Development Plan

- Invest in Taiwan:
 - considering the global market change, supply chain stability and production capacity, the production line and factory of ferrite magnetic material powder in Taoyuan site are planned to be expanded in 2023



2022/12/06

鈞寶電子工業股份有限公司
KING CORE ELECTRONICS INC.



Thanks for your attending