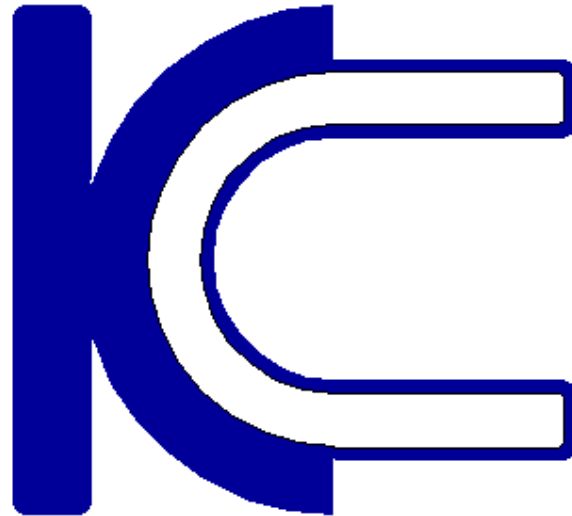
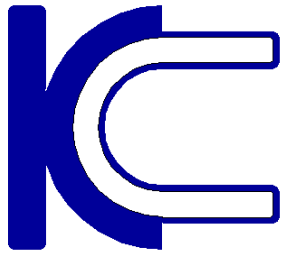


KING CORE ELECTRONICS INC.



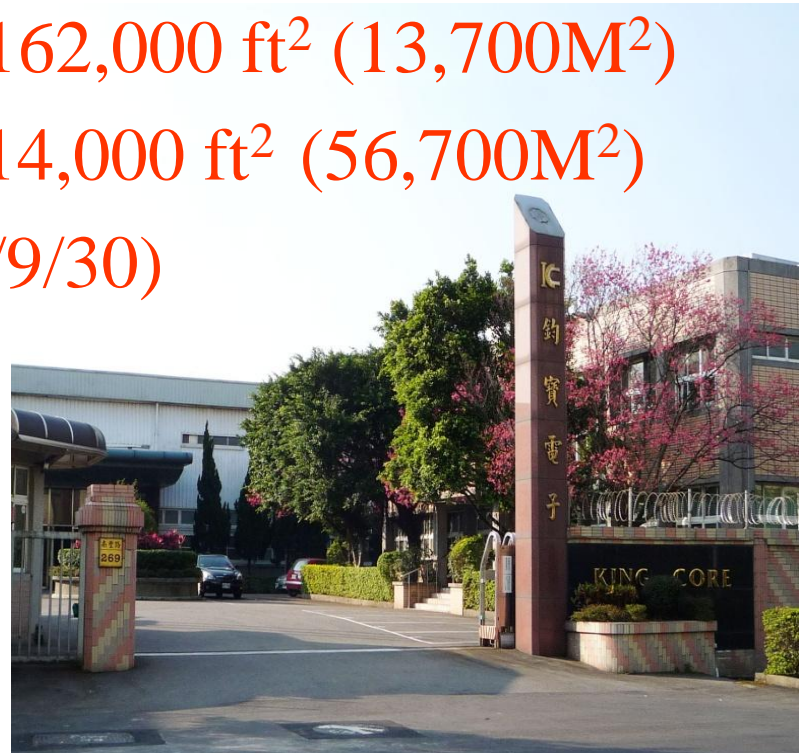
Your Best EMI Solution Partner

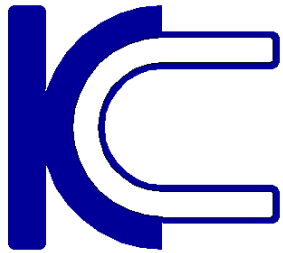
A Company with Health, Happiness and Prospect



COMPANY INTRODUCTION

- Date of Establishment: **Nov. 29, 1986.**
- Location: **Taiwan Taoyuan, 162,000 ft² (13,700M²)**
China Suzhou, 614,000 ft² (56,700M²)
- Capital: **USD 30.1 M. (2020/9/30)**
- President: Henry Yang
- General Manager: Rex Chen
- Employees: **~400 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 : **TS16949** 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**
- 2007~2019 : **Hitachi best performance vendor award.**

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Ferrite Cores

(Split and Solid Ferrite for Ribbon and Round Cables)

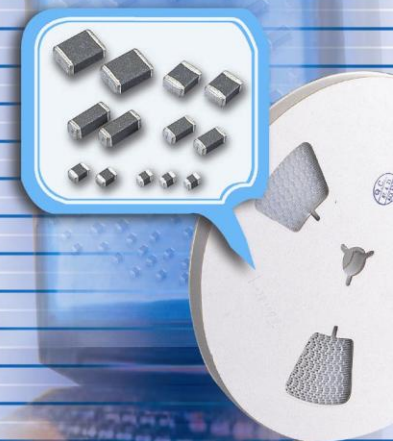


KING CORE ELECTRONICS INC.

MAIN PRODUCTS

- EMI Suppression Ferrite Cores
 - 500 tons
- SMT Multilayer Chip Beads & Inductors
 - 300~500 kkpcs (0402/0603)
- Wound Chip inductor & Chokes
 - 150~200 kkpcs
- Ferrite Absorber
 - 2 kkpcs/ month

SMT Ferrite Chip Beads / Inductors



KING CORE
King Core Electronics Co., Ltd.

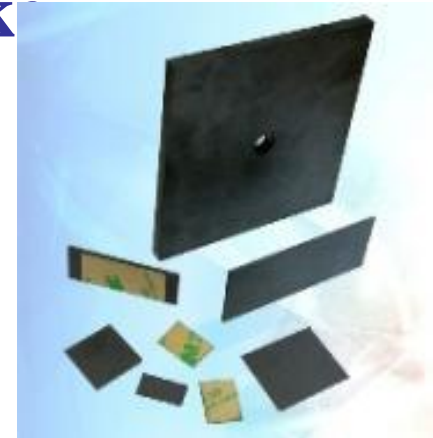
USB 2.0/IEEE1394 Chip Common Mode Choke

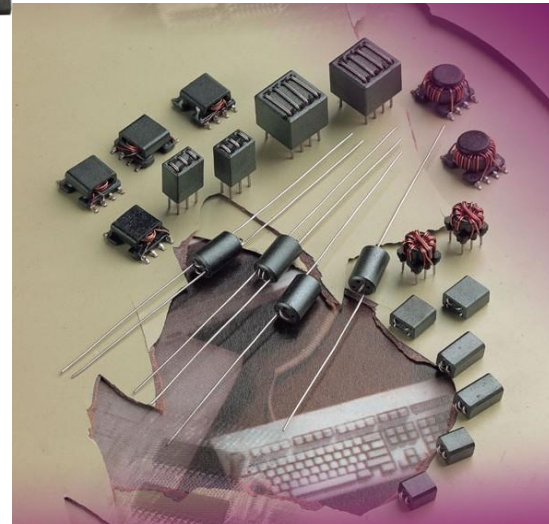
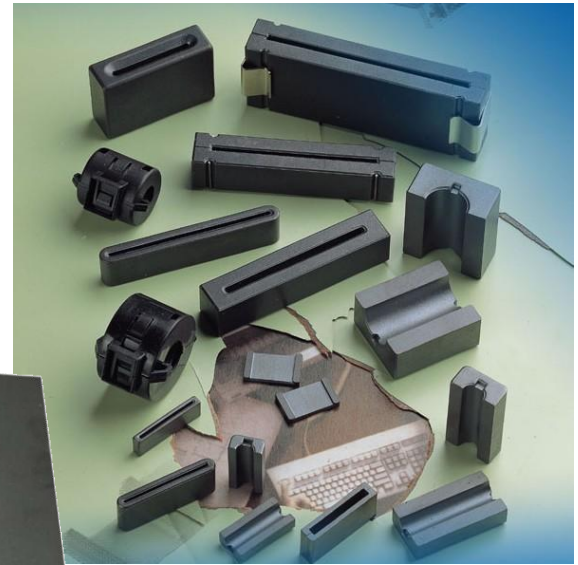
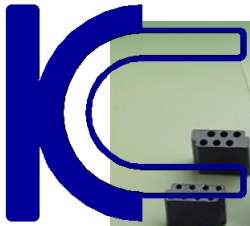


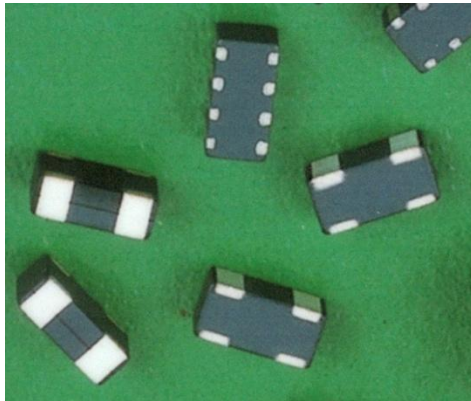
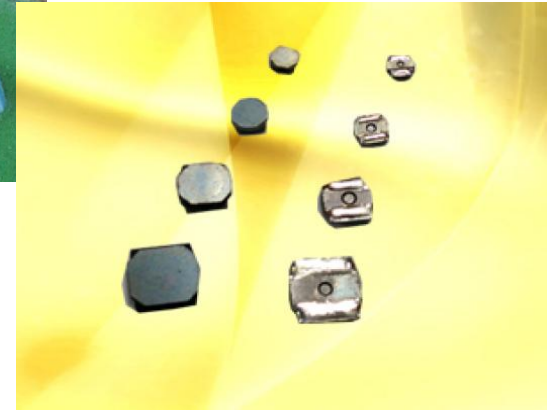
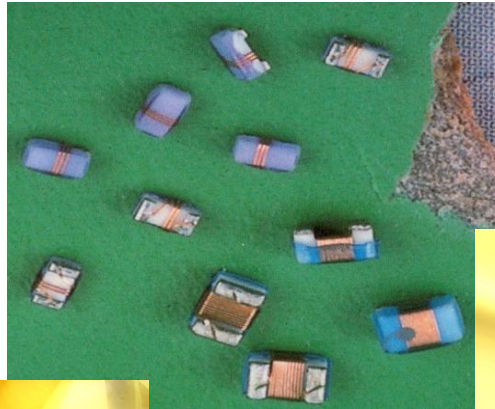
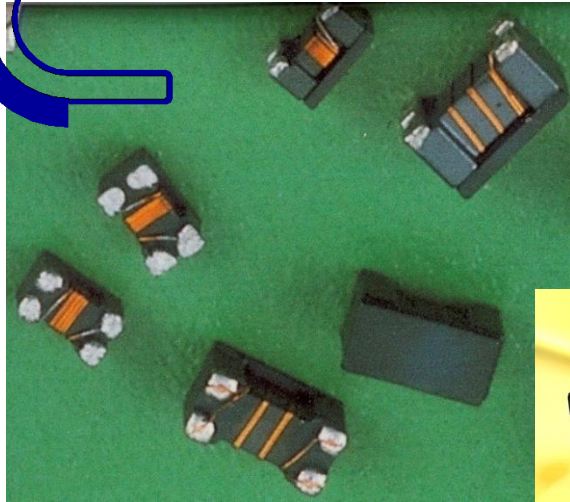
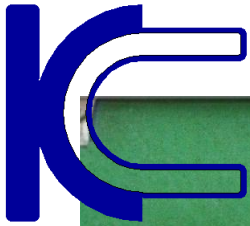
s Inc.

2020/11/26

kingcore.com.tw





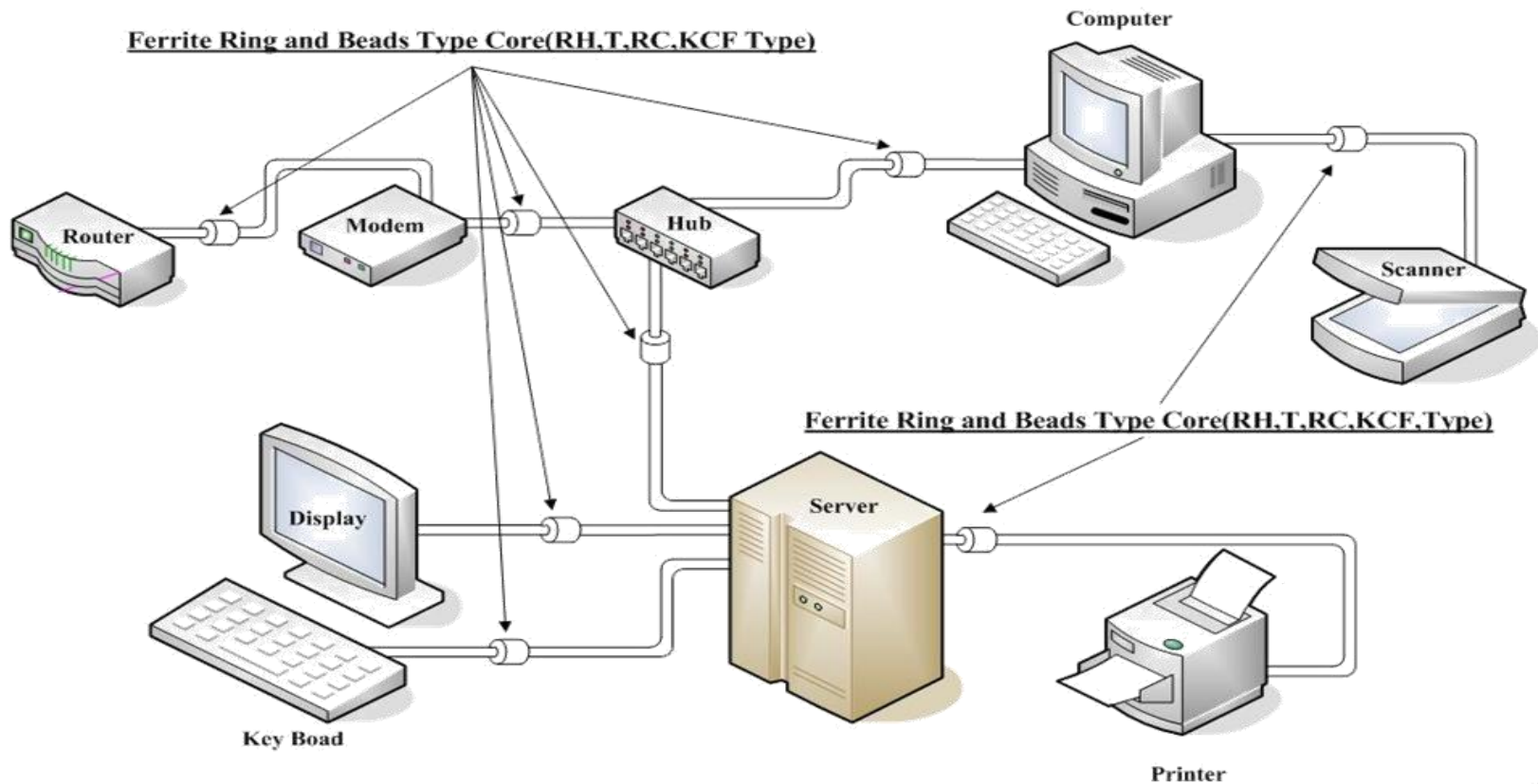


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KC EMI Suppression Core Application

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

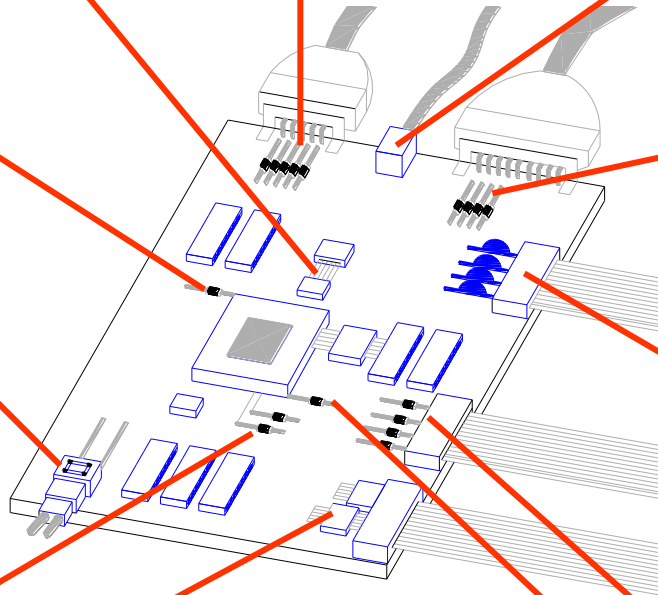
可:採用WCM series 90-
220 ohm common choke

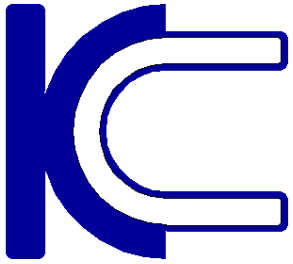
IC Grounding 接地之對策

可:採用FBM-11 series
120 - 600 ohm bead

HDD or CD-ROM介面之
EMI對策

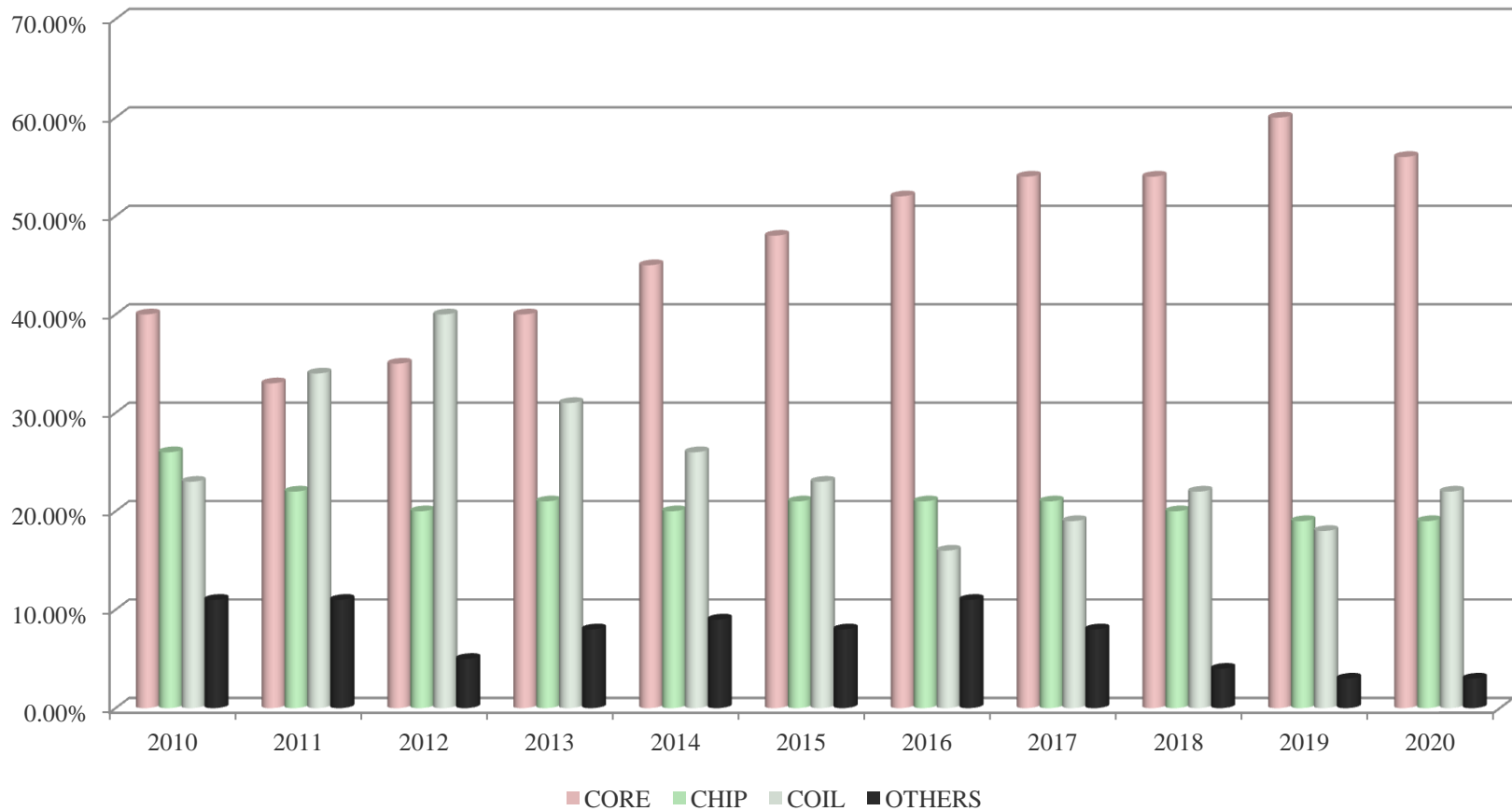
可:採用FBM-10 series
10 - 70 ohm bead

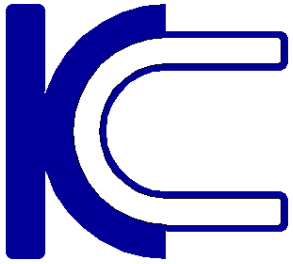




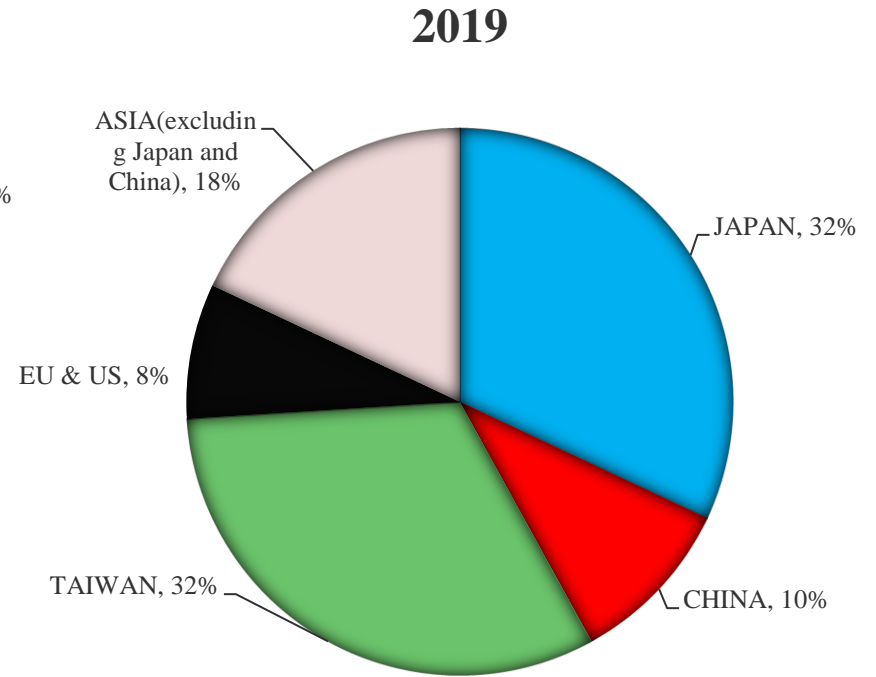
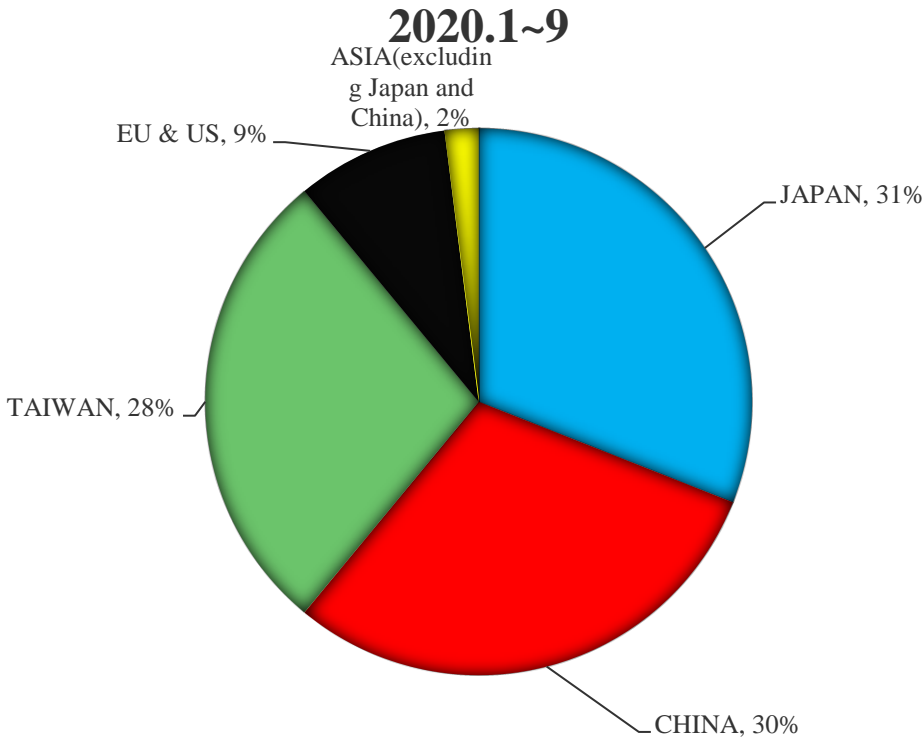
Proportion of Product Type

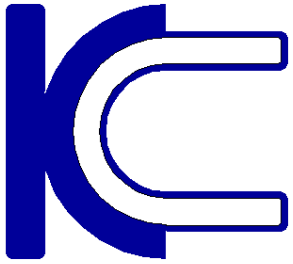
2020.1~9
CORE : 56%
CHIP : 19%
COIL : 22%
OTHERS : 3%



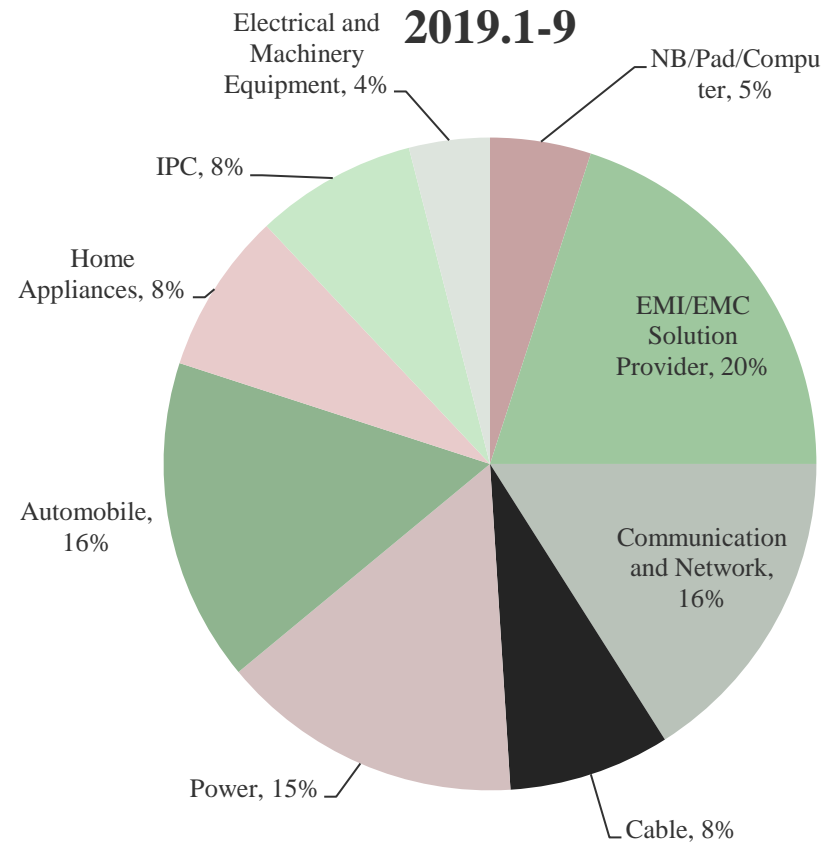
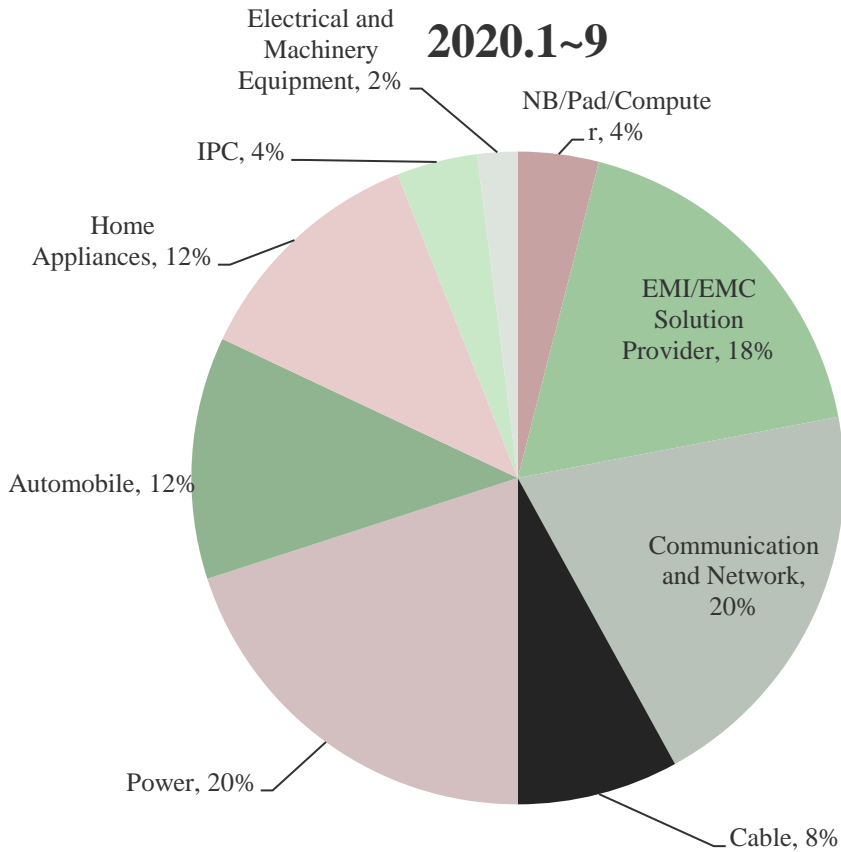


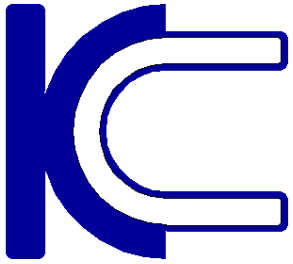
Proportion of Customer Area



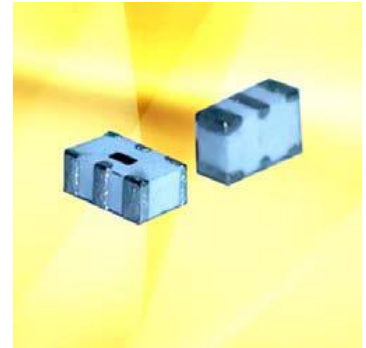
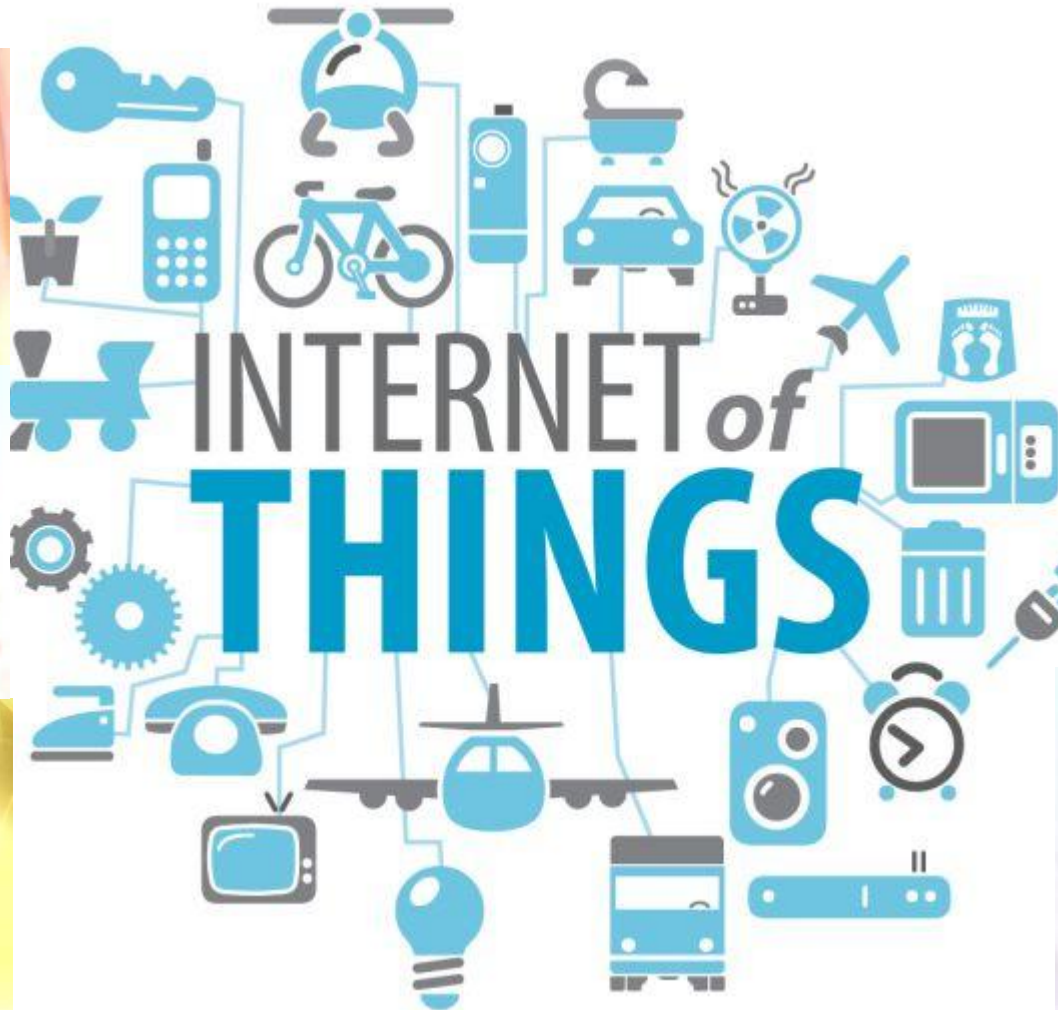
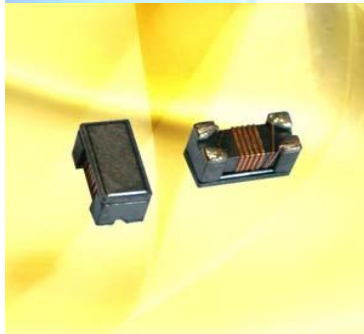


Proportion of Customer Application



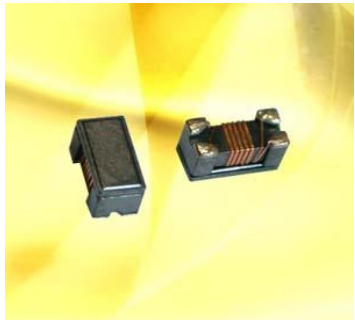
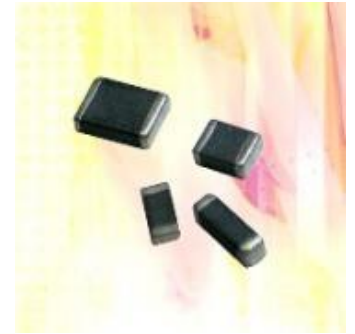
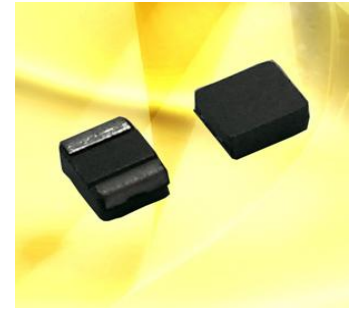


Communication and Network Application

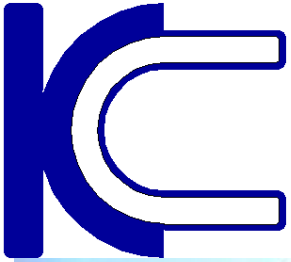




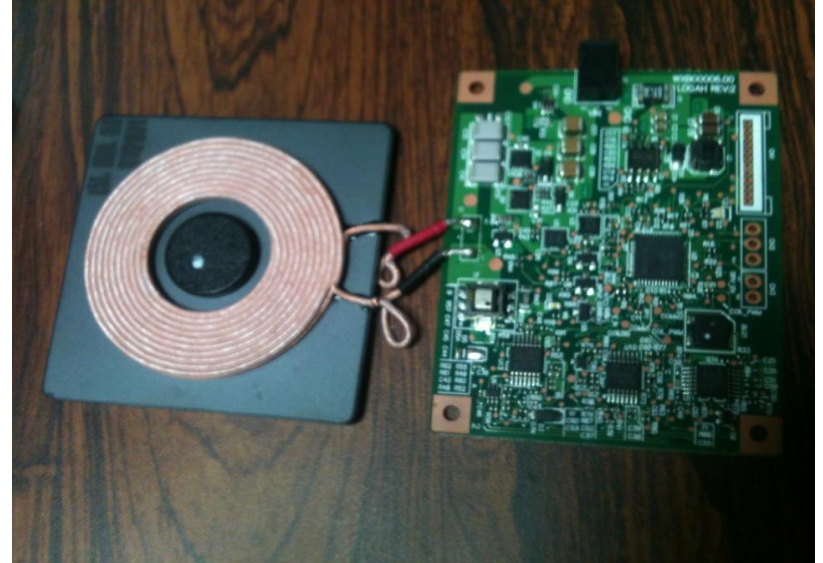
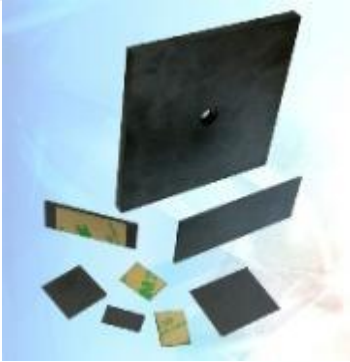
Home Appliances and IPC

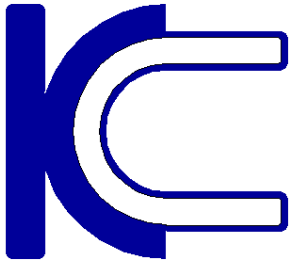


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Power Application





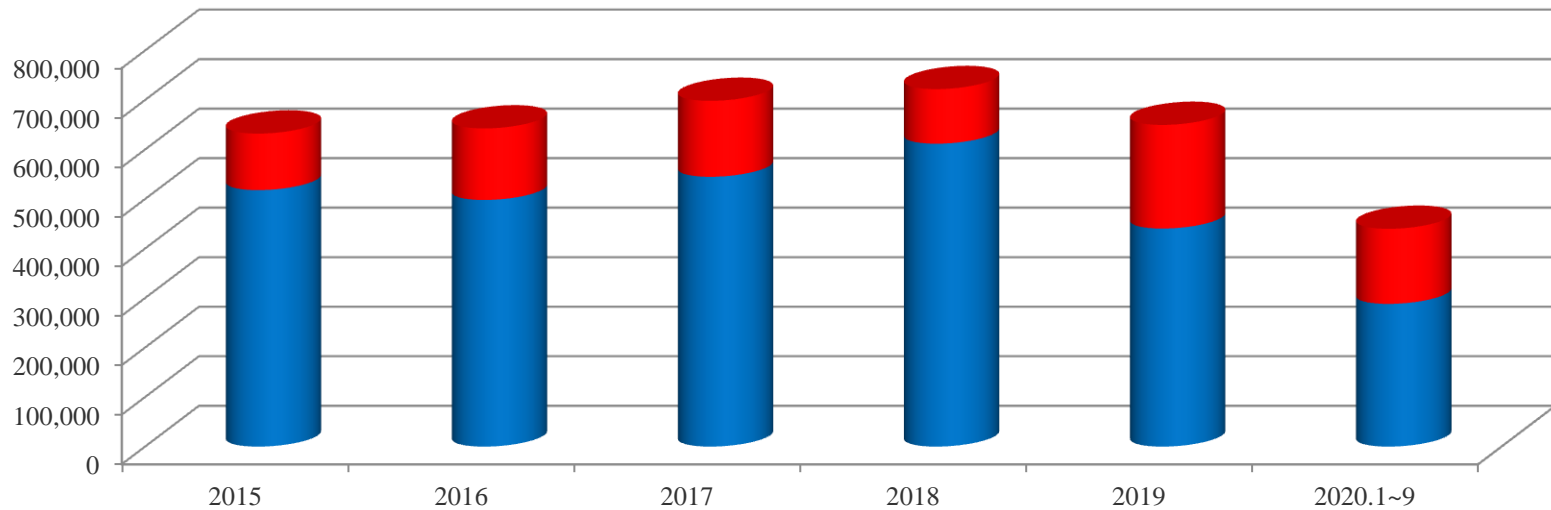
Turnover over the years

2020.1~9 : 440,009

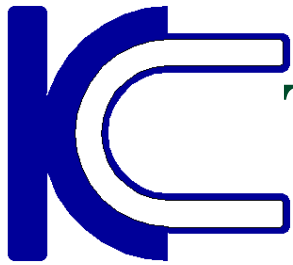
YoY : -8%

NTD : K

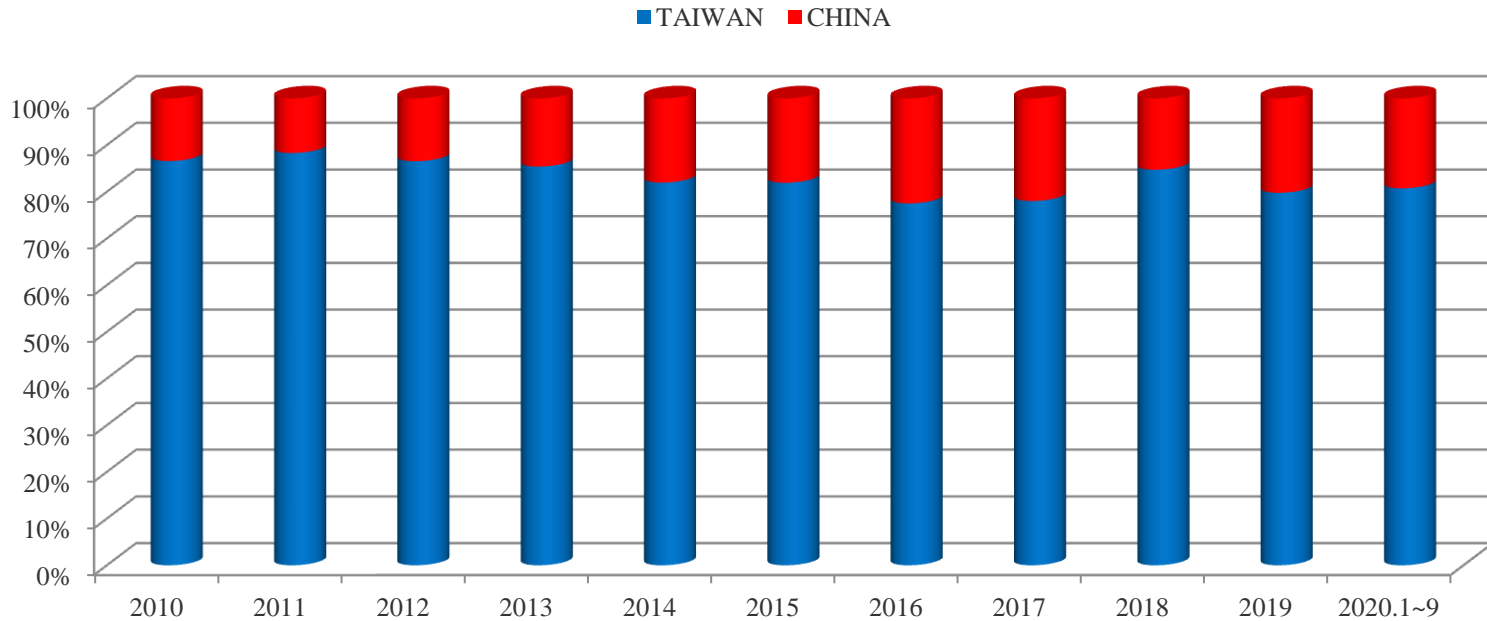
■ TAIWAN ■ MAINLAND CHINA



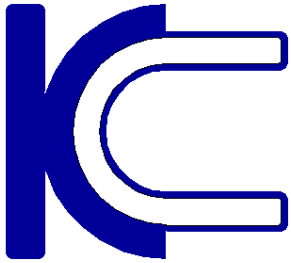
	2015	2016	2017	2018	2019	2020.1~9
Sales	632,332	642,745	698,467	722,186	649,900	440,009



Turnover proportion in Taiwan and Suzhou

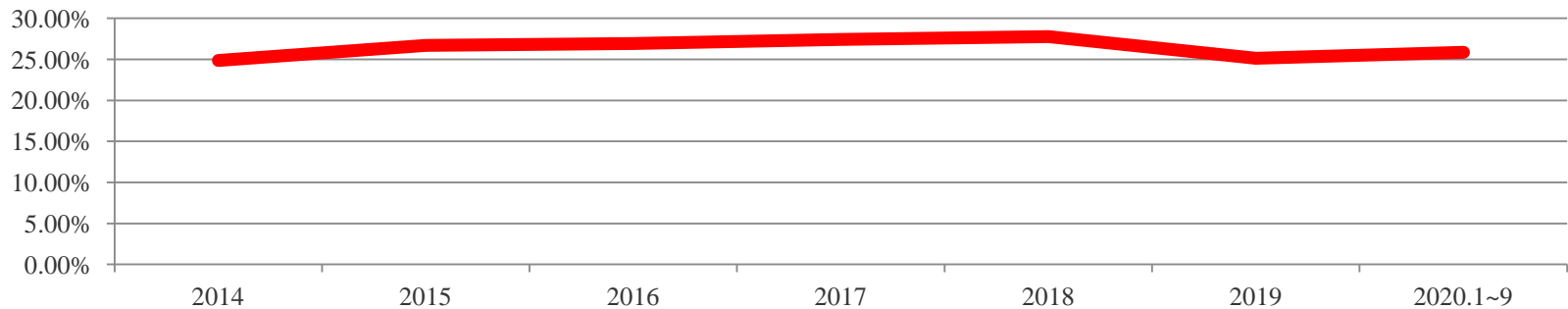


	2014	2015	2016	2017	2018	2019	2020.1~9
Taiwan	82%	82%	78%	78%	85%	80%	81%
China	18%	18%	22%	22%	15%	20%	19%



Performance

Gross Margin(%)

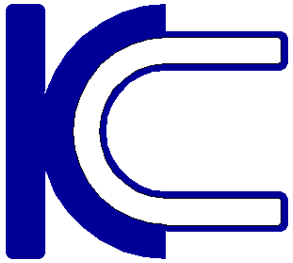


Unit : NTD, K

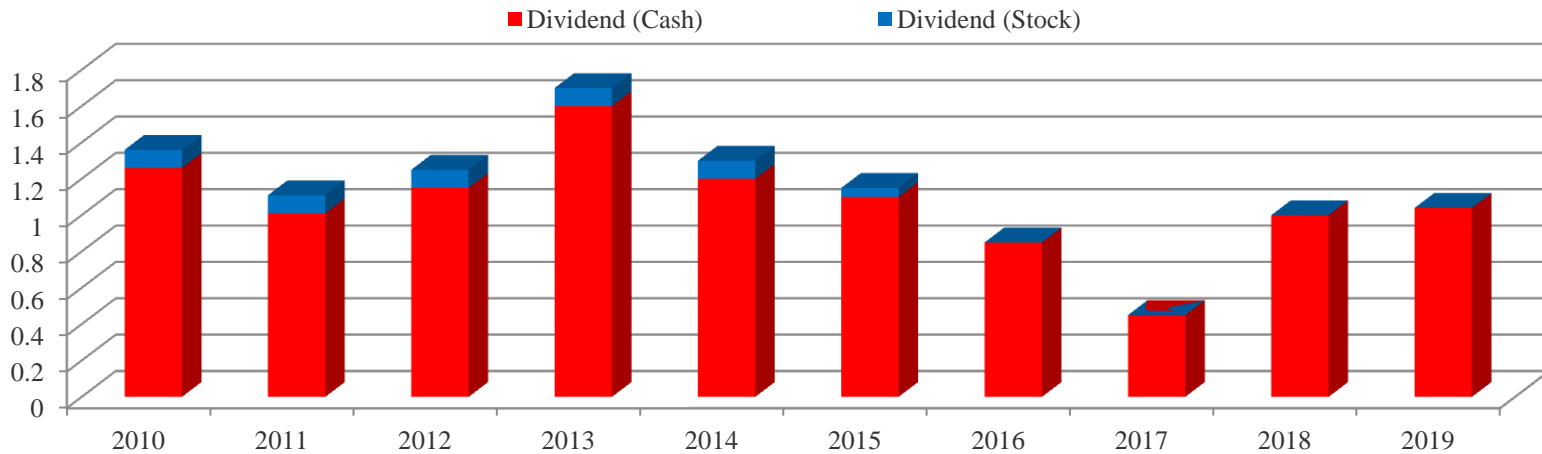
	2014	2015	2016	2017	2018	2019	2020.1~9
Net Revenue	673,016	632,332	642,745	698,467	722,186	649,900	440,009
Gross Profit	167,308	168,718	172,964	191,501	200,491	163,313	113,764
Gross Margin(%)	24.86%	26.68%	26.91%	27.42%	27.76%	25.13%	25.85%
Profit before tax	140,547	122,163	98,105	43,480	158,602	96,436	31,280
Profit for the period	121,461	104,086	82,557	42,957	127,497	80,341	24,744
ROE(%)	8.18	7.05	5.8	3.11	9.24	5.66	1.76
EPS (NT Dollar)	1.45	1.22	0.96	0.5	1.48	0.93	0.29

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

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

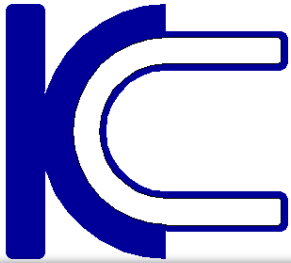


Dividend



	2011	2012	2013	2014	2015	2016	2017	2018	2019
Basic earnings per share (NT Dollar)	0.87	1.4	1.45	1.45	1.22	0.96	0.5	1.48	0.93
Dividend (Cash)	1.01	1.15	1.6	1.2	1.1	0.85	0.45	1.0	1.04
Dividend (Stock)	0.1	0.1	0.1	0.1	0.05	0	0	0	0
Dividend (Total)	1.11	1.25	1.7	1.3	1.15	0.85	0.45	1.0	1.04
Payment ratio	127.59%	89.29%	117.24%	89.66%	94.26%	88.43%	90.27%	67.68%	111.83%

Note :Employee bonus as expenses since year 2008.



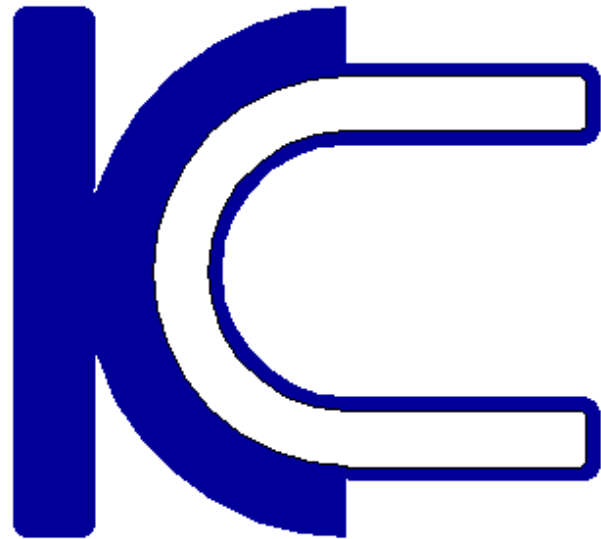
KC Product Development Roadmap

Product Target	Major Knowhow	Market Application
GHz Common Mode Filter / Choke	Precision and patent LTCC design and manufacturing	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, 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

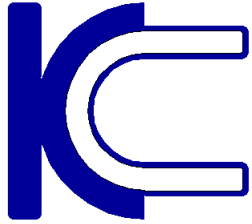
2020/11/26

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



Thanks for your attending



Q & A

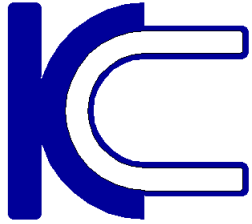
Q1 :

- As the overall market demand of 3C (PC, NB, Communication and Network) in Q3 of 2020 was better than expected, what caused the revenue and the performance of your company during the same period showing different? How is the prospect of the company next year?

A1 :

The main market of King Core is composed of power, EMC and EMI solution provider, automobile, home appliances, communication and network. In 2020, PC and NB stood lower than 5% of the revenue. For communication and network appliance, from 2019, the proportion of revenue grew to 20% from 16%. On the other hand, the production and demand of EMC and EMI solution provider and automobile was impacted by COVID-19, due to the main customer located in Japan, Europe, and Southeast Asia.

The demand of main customers has raised since November, while the influence of pandemic in 2021 still has to be surveyed for our target market will still be power, automobile, home appliances, communication and network.



Q & A

Q2 :

- Will the cost of the ferrite powder be impacted by the price of row material? What is the proportion of the row material in the cost?

A2 :

Our main materials of ferrite are iron oxide, nickel oxide, copper oxide, zinc oxide, magnesium oxide, etc. As we always observe the material price in long term and purchase properly, the variation of the row material cost is low and controllable.

In the latest two years, the row material takes around 30% of cost.