

承 认 书

SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

DATE 10/Oct/2022 **REVISION NO.** A

PART NO. CKMW-B Series

DRAWN NO.

Signature

Approved by	Checked by	Drawn by
 黄 22.10.10 大燕	 黄 22.10.10 大燕	 林 22.10.10 树强

今 凯 电 子 有 限 公 司

广东省广州市番禺区石基镇旧水坑开
发路4号一栋2楼

TEL: (020) 34567411 FAX: (020) 39946195



承认书



SPECIFICATION FOR APPROVAL

[illegible]

承 认 书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO.

PAGE

1/9

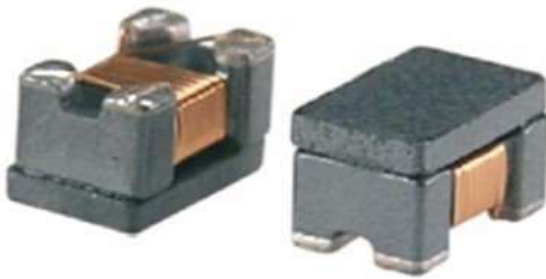
REVISION

A

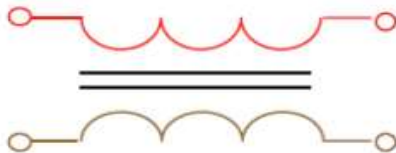
DATE

2022/10/10

SHAPE & DIMENSION (UNIT:mm)



◆ Equivalent Circuit Diagram



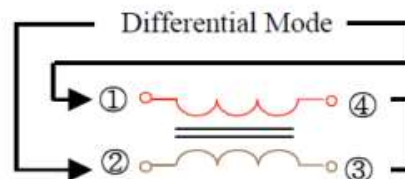
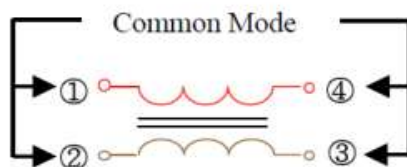
●PRODUCT IDENTIFICATION

CKMW 2012 B 900 D C
(1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Chip Size(mm):Length X Width
- (3) Material type: With magnetic Shield(B/D/H)
- (4) Nominal Impedance:900=90Ω
101=100Ω
- (5) Nominal Impedance: A=250mA;
B=300mA; C=350mA; D=400mA;
E=1000mA; F=1500mA; G=3000mA
- (6) Packing: P - Embossed paper tape
C - Tape&Reel
B - Box
T - Tape

◆ Impedance :

Measured by using Agilent E4991A RF Impedance Analyzer



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER	
CUSTOMER'S P/N	
PART NO.	CKMW-B Series
DRAWN NO.	0

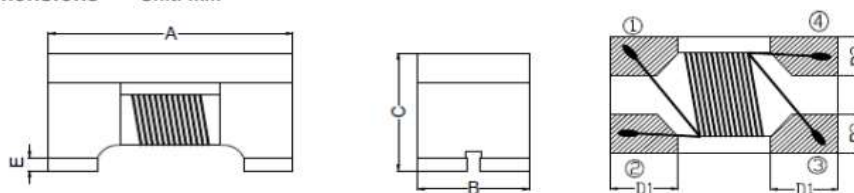
PAGE	2/9
REVISION	A
DATE	2022/10/10

SERIES SPECIFICATION

◆ Specification

◆ CKMW-B Series Specification:

◆ Dimensions Unit: mm



Series	A (mm)	B (mm)	C (mm)	D1 (mm)	D2 (mm)	E (mm)
CKMW1608	1.6 ± 0.1	0.8 ± 0.1	1.1 ± 0.1	0.33 ± 0.1	0.25 ± 0.1	0.12 ± 0.1
CKMW2012	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.55 ± 0.1	0.46 ± 0.1	0.15 ± 0.1
CKMW3216	3.2 ± 0.2	1.6 ± 0.2	1.9 ± 0.2	0.6 ± 0.1	0.6 ± 0.1	0.17 ± 0.1
CKMW4532	4.5 ± 0.2	3.2 ± 0.2	2.8 ± 0.2	1.2 ± 0.1	1.0 ± 0.1	0.19 ± 0.1

Part Number	Common mode Impedance Z Ω	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
CKMW1608B Series							
CKMW1608B670BC	$67 \pm 25\%$	100	0.30	300	50	125	10M
CKMW1608B900BC	$90 \pm 25\%$	100	0.30	300	50	125	10M
CKMW1608B121AC	$120 \pm 25\%$	100	0.36	250	50	125	10M
CKMW1608B161AC	$160 \pm 25\%$	100	0.40	250	50	125	10M
CKMW1608B221AC	$220 \pm 25\%$	100	0.42	250	50	125	10M
CKMW2012B Series							
CKMW2012B300DC	$30 \pm 25\%$	100	0.20	450	50	125	10M
CKMW2012B670DC	$67 \pm 25\%$	100	0.25	400	50	125	10M
CKMW2012B750DC	$75 \pm 25\%$	100	0.25	400	50	125	10M
CKMW2012B900DC	$90 \pm 25\%$	100	0.30	400	50	125	10M
CKMW2012B121DC	$120 \pm 25\%$	100	0.30	400	50	125	10M
CKMW2012B161CC	$160 \pm 25\%$	100	0.35	400	50	125	10M

承 认 书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO. 0

PAGE

3/9

REVISION

A

DATE

2022/10/10

SERIES SPECIFICATION

◆ Specification

Part Number	Impedance Z Ω	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
CKMW2012D181MT	180±25%	100	0.35	350	50	125	10M
CKMW2012D201MT	200±25%	100	0.40	300	50	125	10M
CKMW2012D221MT	220±25%	100	0.40	300	50	125	10M
CKMW2012D261MT	260±25%	100	0.40	300	50	125	10M
CKMW2012D361MT	360±25%	100	0.45	300	50	125	10M
CKMW2012D371MT	370±25%	100	0.45	300	50	125	10M
CKMW2012D601MT	600±26%	100	0.60	220	50	125	10M
CKMW2012D801MT	800±26%	100	0.88	300	50	125	10M
CKMW2012D901MT	900±26%	100	0.90	150	50	125	10M
CKMW2012D102MT	1000±27%	100	1.30	150	50	125	10M
CKMW2012D122MT	1200±27%	100	1.40	100	50	125	10M

CKMW3216B Series

CKMW3216B900DC	90±25%	100	0.30	450	50	125	20M
CKMW3216B121DC	120±25%	100	0.35	400	50	125	10M
CKMW3216B161CC	160±25%	100	0.40	350	50	125	10M
CKMW3216B201CC	200±25%	100	0.45	350	50	125	10M
CKMW3216B221BC	220±25%	100	0.45	300	50	125	10M
CKMW3216B261BC	260±25%	100	0.50	300	50	125	10M
CKMW3216B361BC	360±25%	100	0.60	300	50	125	10M
CKMW3216B601AC	600±25%	100	0.80	250	50	125	10M
CKMW3216B102AC	1000±25%	100	1.00	250	50	125	10M
CKMW3216B222AC	2200±25%	100	1.20	250	50	125	10M

CKMW4532B Series

CKMW4532B800GC	80±25%	100	0.05	3000	50	125	10M
CKMW4532B900GC	90±25%	100	0.05	3000	50	125	10M
CKMW4532B121GC	120±25%	100	0.10	3000	50	125	10M
CKMW4532B601FC	600±25%	100	0.12	1500	50	125	10M
CKMW4532B102EC	1000±25%	100	0.18	1200	50	125	10M
CKMW4532B142FC	1400±25%	100	0.20	700	50	125	10M
CKMW4532B282EC	2800±25%	100	0.40	900	50	125	10M

◆ General Technical Data

Operating Temperature Range	-25℃ ~ +85℃
Storage Condition	20℃ ~ 25℃ and 65% RH (For Reference)

承 认 书



SPECIFICATION FOR APPROVAL

Network Transformers Series

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

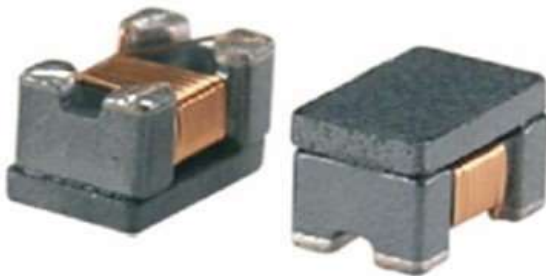
DRAWN NO.

PAGE 1/9

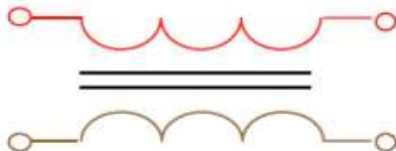
REVISION A

DATE 2022/10/10

SHAPE & DIMENSION (UNIT:mm)



◆ Equivalent Circuit Diagram



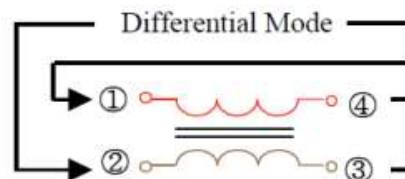
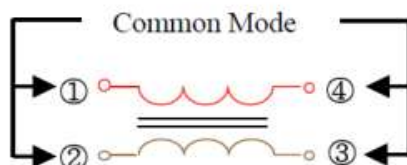
● PRODUCT IDENTIFICATION

CKMW 0805 D 801 P T
(1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Chip Size(mm):Length X Width
- (3) Material type: With magnetic Shield(B/D/H)
- (4) D = Common mode Impedance
L = Inductance
- (5) For Impedance 801=800Ω
For Inductance 510=51uH
201=200uH
- (6) Packing: P - Embossed paper tape
C - Tape&Reel
B - Box
T - Tape

◆ Impedance :

Measured by using Agilent E4991A RF Impedance Analyzer



Network Transformers Series

DATE 2022/10/10

◆ Specification

[illegible]

◆ General Technical Data

Operating Temperature Range	-25°C ~ +85°C
Storage Condition	20°C ~ 25°C and 65% RH (For Reference)

CUSTOMER		
CUSTOMER'S P/N		
PART NO.	CKMW-B	Series
DRAWN NO.	0	

PAGE	3/9
REVISION	A
DATE	2022/10/10

◆ Specification

[illegible]

Operating Temperature Range	-25°C ~ +85°C
Storage Condition	20°C ~ 25°C and 65% RH (For Reference)

CUSTOMER		
CUSTOMER'S P/N		
PART NO.	CKMW-B	Series
DRAWN NO.	0	

PAGE	3/9
REVISION	A
DATE	2022/10/10

◆ Specification

[illegible]

◆ General Technical Data

Operating Temperature Range	-25°C ~ +85°C
Storage Condition	20°C ~ 25°C and 65% RH (For Reference)

承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO.

PAGE

4/9

REVISION

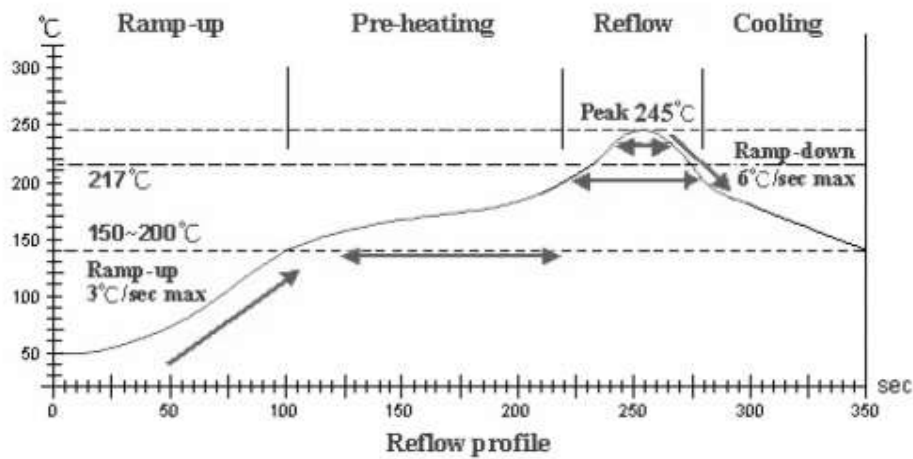
A

DATE

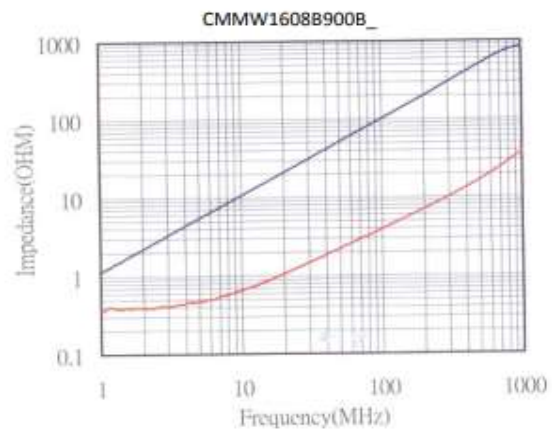
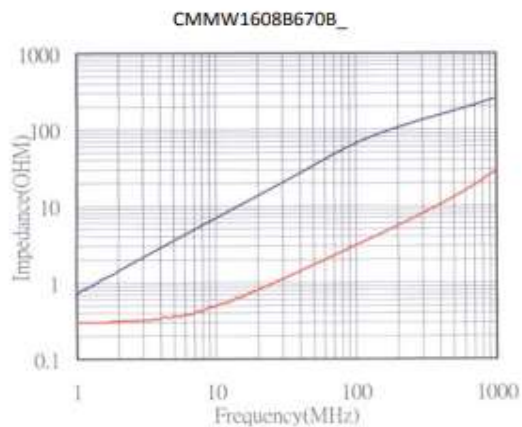
2022/10/10

RELIABILITY TEST

◆ Recommended soldering conditions



◆ Characteristics



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO.

PAGE

5/9

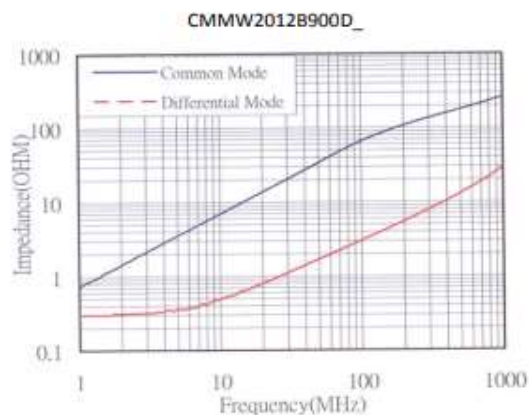
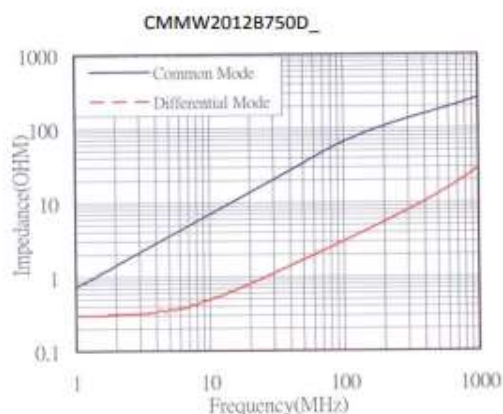
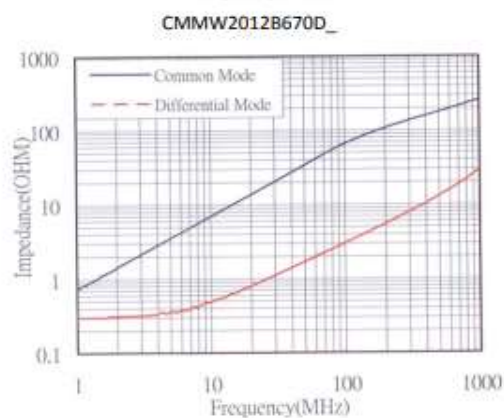
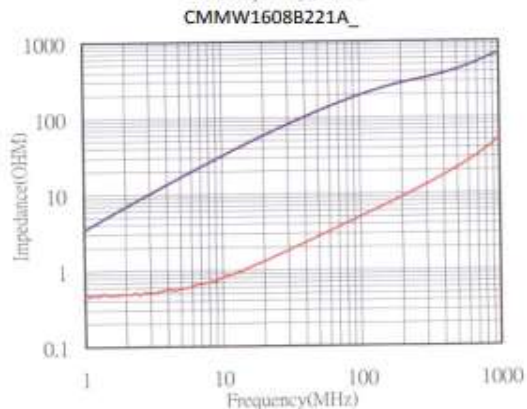
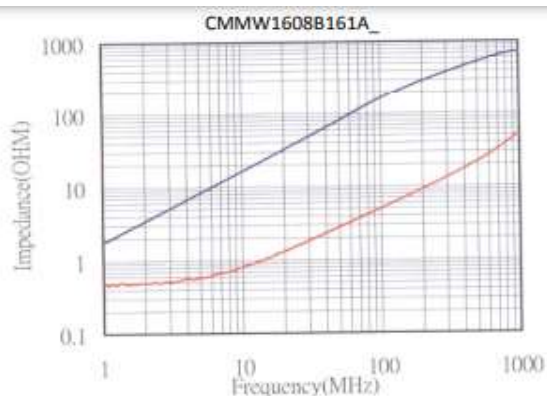
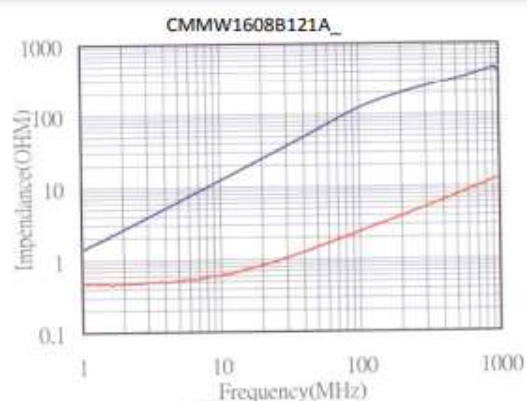
REVISION

A

DATE

2022/10/10

RELIABILITY TEST



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO. 0

PAGE

6/9

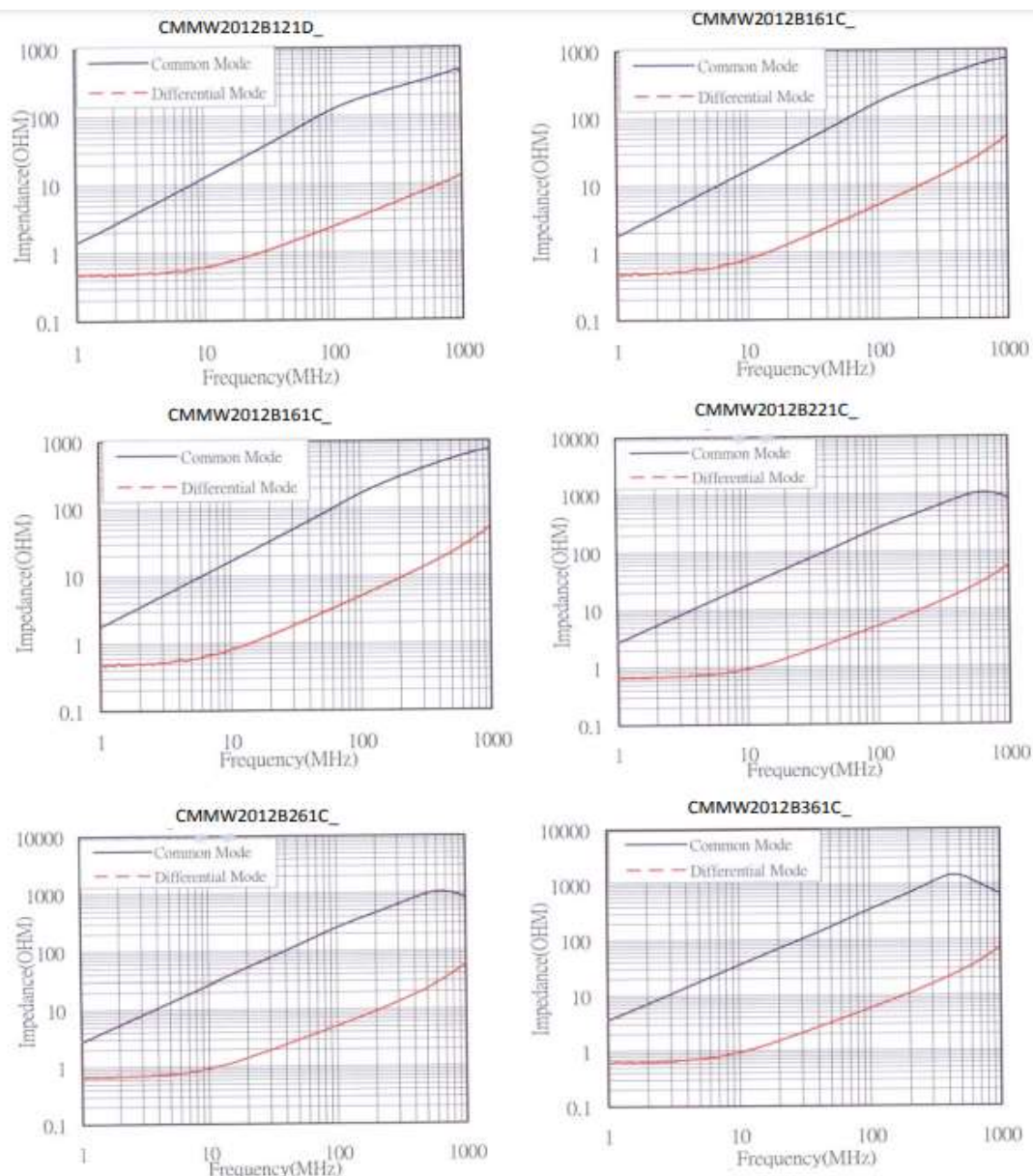
REVISION

A

DATE

2022/10/10

RELIABILITY TEST



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO.

PAGE

7/9

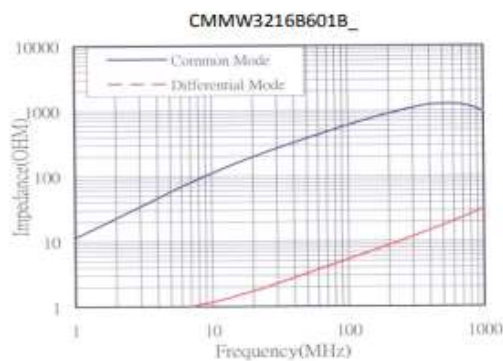
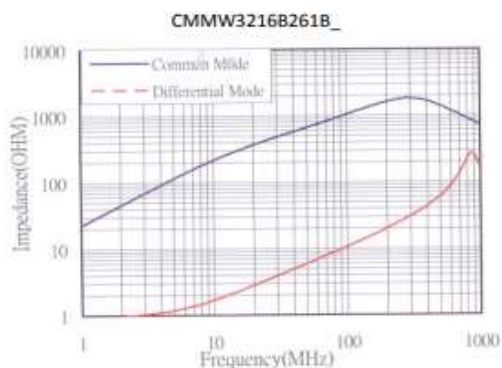
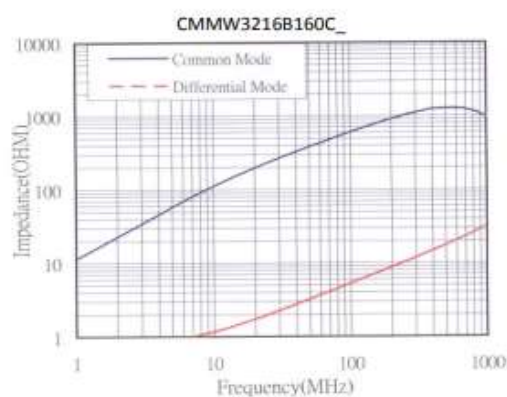
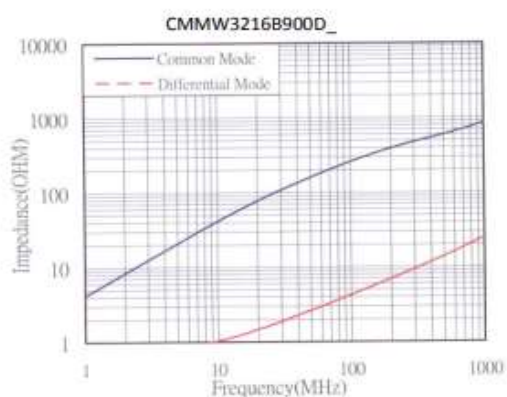
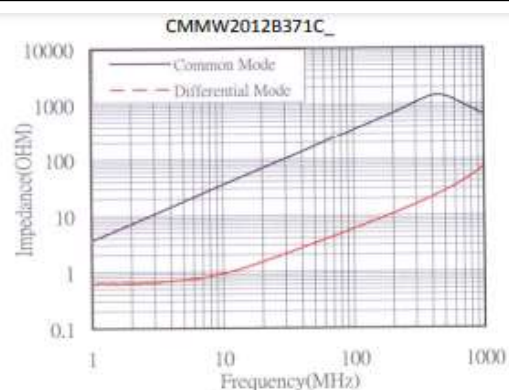
REVISION

A

DATE

2022/10/10

RELIABILITY TEST



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

DRAWN NO.

PAGE

8/9

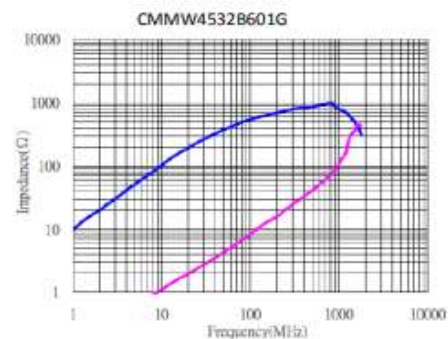
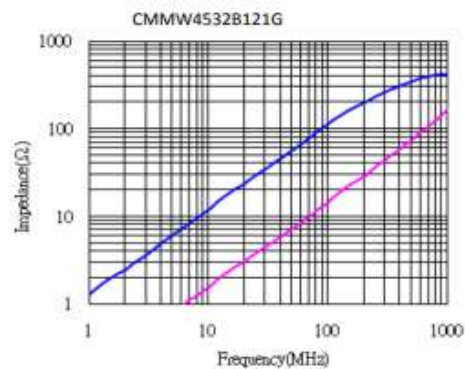
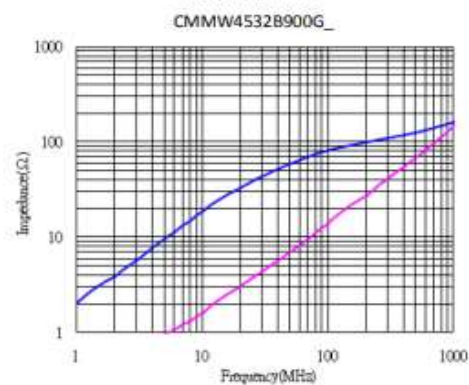
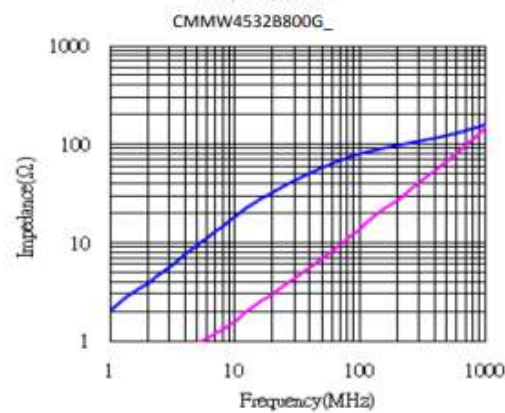
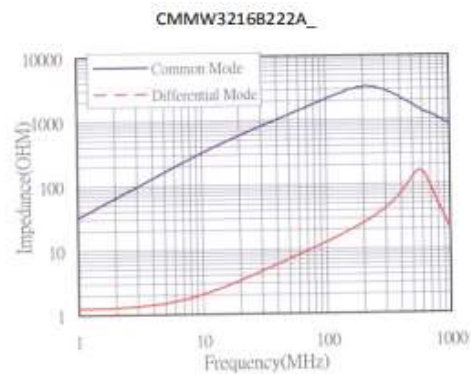
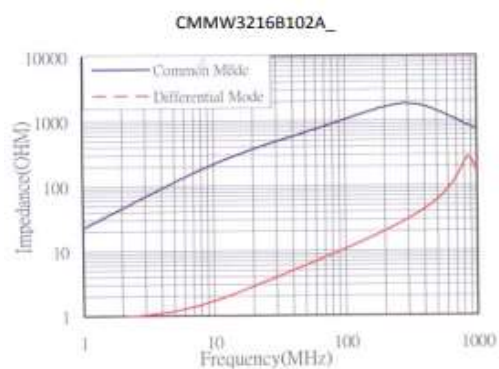
REVISION

A

DATE

2022/10/10

RELIABILITY TEST



承认书



SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S P/N

PART NO. CKMW-B Series

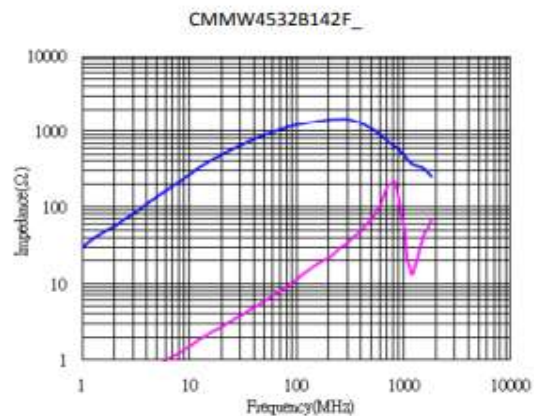
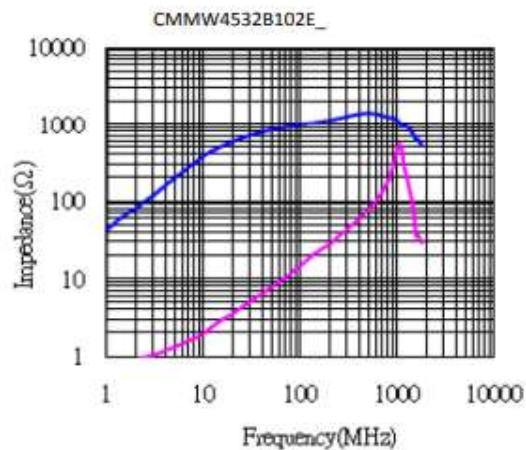
DRAWN NO.

PAGE 9/9

REVISION A

DATE 2022/10/10

RELIABILITY TEST & PACKAGING



Size	1608	2012	3416	4532
	0603	0805	1206	1812
Standard Packing	2000	2000	2000	500