承　　认　　书

SPECIFICATION FOR APPROVAL

CUSTOMER			
CUSTOMER'S P/N			
DATE	13/Sep/2026	REVISION NO.	A
PART NO.	CKMW4532L Series		
DRAWN NO.			
DESCRIPTION.	SMD WIRE WOUND TYPE COMMON MODE FILTER		
Customer's Signature			

Approved by	Checked by	Drawn by
梁智坤	黄大燕	赵龙宇
13/Sep/2026	13/Sep/2026	13/Sep/2026

广 东 今 凯 电 子 科 技 有 限 公 司

GUANG DONG CHK ELECTRONIC TECH Co., Ltd

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GUANG DONG CHK ELECTRONIC TECH Co., Ltd

ECN HISTORY LIST

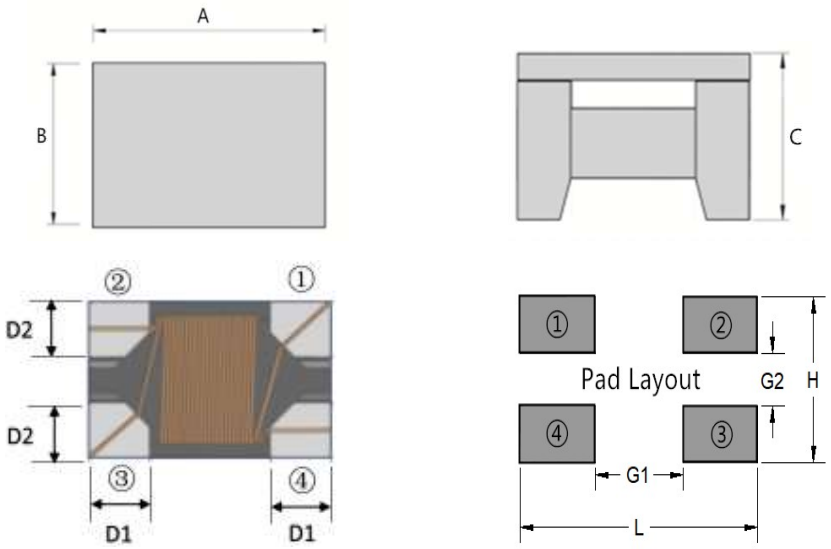
REV	DATE	DESCRIPTION	CHECK	APPROVED
A	2026/9/13	新规作成	黄大燕	梁智坤

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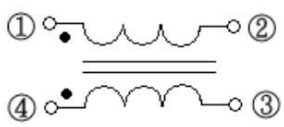
CUSTOMER		REVISION NO.	A
CUSTOMER'S P/N		PAGE	P 1/7
DESCRIPTION.	SMD WIRE WOUND TYPE COMMON MODE FILTER	DRAWN NO.	0
PART NO.	CKMW4532L Series	DATE	2026/9/13

1.SHAPE & DIMENSION

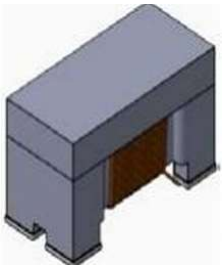
UNIT: mm



SCHEMATICS



SHAPE



A	B	C	D1	D2	G1	G2	L	H
4.5	3.2	2.8	0.9	1.1	2.7	0.7	5.1	3.8
±0.2	±0.2	±0.2	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.

PART NUMBERING SYSTEM

CK	MW	4532	L	510	T
1	2	3	4	5	6

1 CHK PRODUCTION (今凯制造)
2 PRODUCT CATEGORY （产品种类）
3 DIMENSIONS （尺寸规格）
4 MEASUREMENT STANDARD（衡量标准） D = 阻抗衡量 L = 电感衡量
5 MEASUREMENT （衡量值 阻抗/电感）
6 PACKAGING （包装方式）

APPROVED BY	CHECKED BY	DRAFT BY
梁智坤	黄大燕	赵龙宇

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2.SPECIFICATION

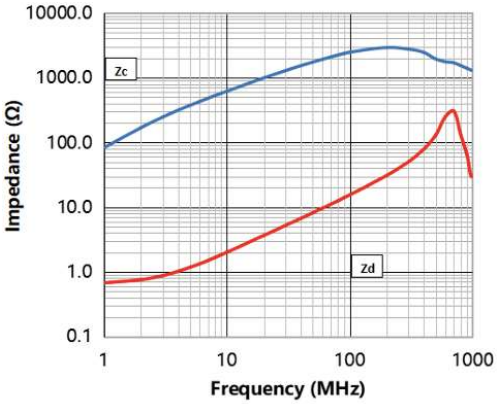
PART NUMBER	Impedance 10MHz	Inductance 100KHz/0.1V	DC RESISTANCE	RATED CURRENT	RATED VOLT.	IR
	Ω MIN	uH	Ω MAX	mA	Vdc	MΩ MIN
CKMW4532L110T	300	11 + 50%/-30%	0.6	360	80	10
CKMW4532L220T	500	22 + 50%/-30%	1	310	80	10
CKMW4532L510T	1000	51 + 50%/-30%	1	230	80	10
CKMW4532L101T	2000	100 + 50%/-30%	2	200	80	10
CKMW4532L201T	5000	200 + 50%/-30%	4.5	100	80	10

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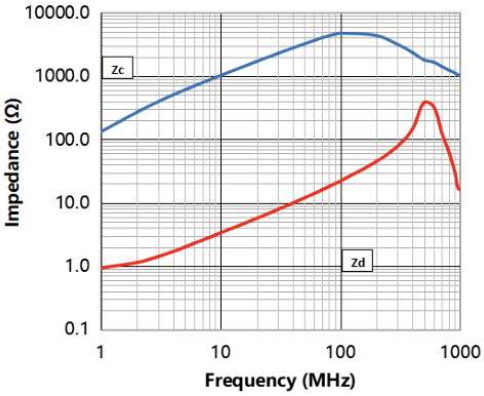
CUSTOMER	0	REVISION NO.	A
CUSTOMER'S P/N	0	PAGE	P 3/7
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3.CURVE FREQUENCY

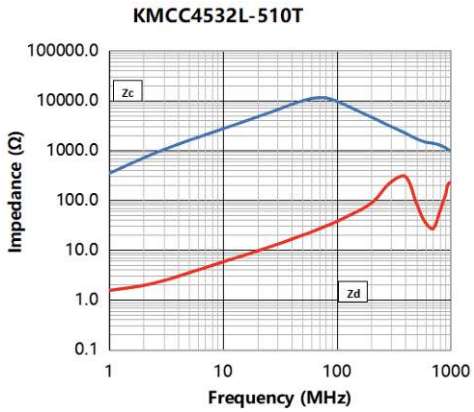
CKMW4532L110T



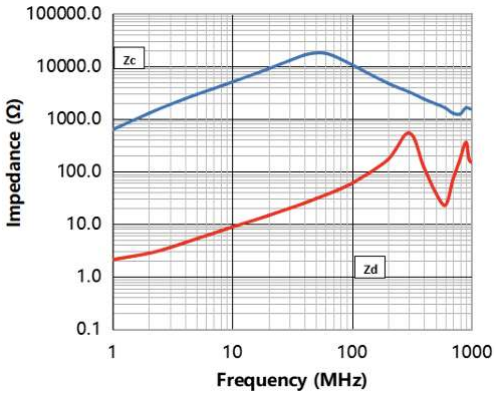
CKMW4532L220T



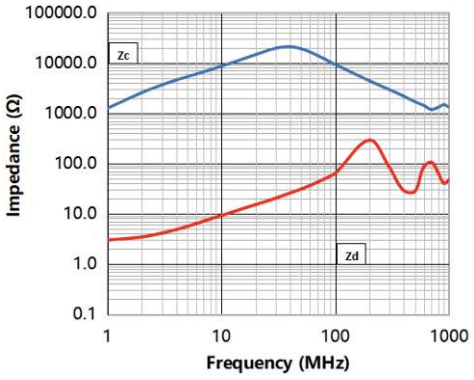
CKMW4532L510T



CKMW4532L101T



CKMW4532L201T



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3.MATERIAL LIST & GENERAL SPECIFICATION

材料名称	型号及规格
ITEM	Materials
Upper Plate	Ferrite
Core	Ferrite Core
Termination	Tin(Pb Free)
Wire	Enameled Copper Wire

GENERAL SPECIFICATION	
Electrical specifications ：	at 20~25℃
Operation Temperature：	-40~+125℃
Storage Temperature：	-40~+125℃

◆TEST CONDITION

ITEM	TEST INSTRUMENTS
Impedance	Agilent-4291A+Agilent-16197A
DCR	Agilent-4338B
I.R.	Agilent-4339

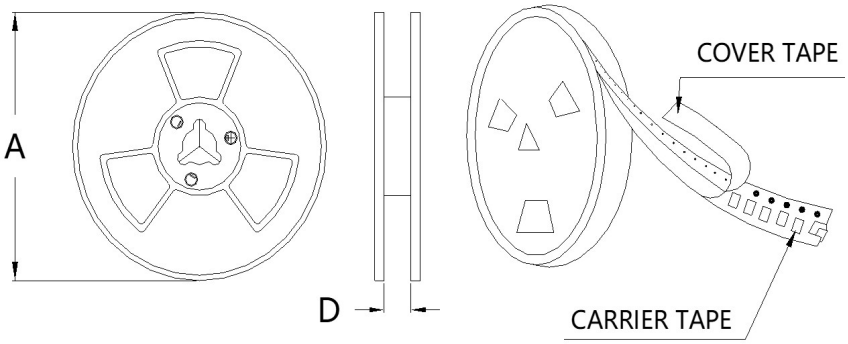
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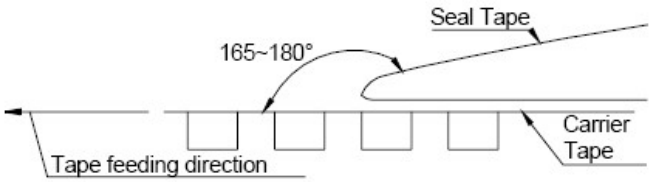
CUSTOMER	0	REVISION NO.	A
CUSTOMER'S P/N	0	PAGE	P 4/7
DESCRIPTION.	SMD WIRE WOUND TYPE COMMON MODE FILTER	DRAWN NO.	0
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4.PACKAGING(unit: mm)

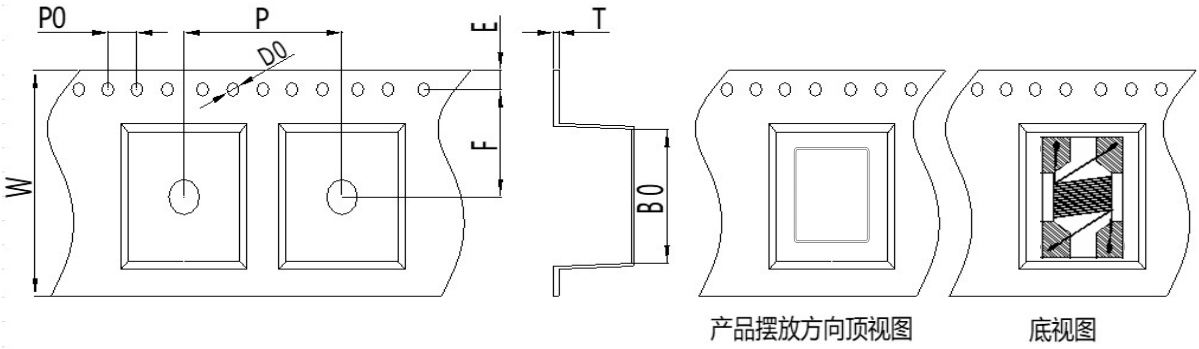
1.包装类型 **2.包装尺寸** □ 13″ 盘 ■ 7″ 盘



	13″ 盘	7″ 盘
A	Φ330±2.0	Φ178±2.0
D	9	



Peel-off strength:10～100gf.
Peel-off angle:165°-180°
Peel-off speed:300mm/min.



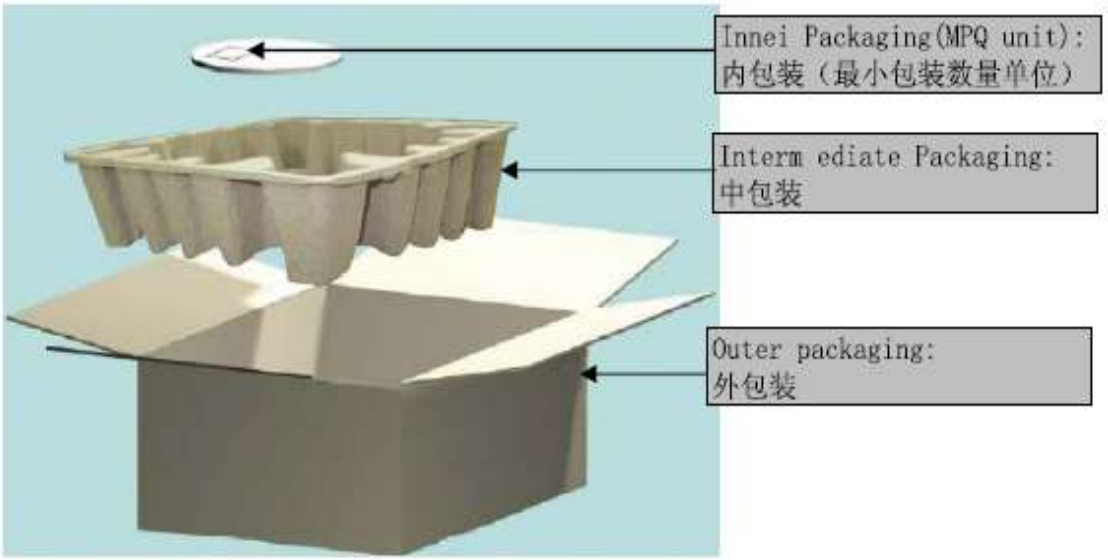
Item	W	B0	P	T	E	F	D0	P0		
DIM(mm)	12.0±0.1	4.9±0.1	4.0±0.1	0.22±0.05	1.75±0.1	5.5±0.1	1.5±0.1	4.0±0.1		

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5. CARTON



7寸盘包装

1.1 外箱: 40*40.*17 cm 一纸托装一箱

1.2 内箱: CAG002(装7寸卷盘TRAY盘)

1.3 外箱材質: A三A

1.4 内箱材質: A=A

1.5 每10卷制品用一只静电袋包装

1.6 每一静电袋内放一只袋干燥剂

1.7 每一卷上面依标签样式的要求贴上标签明细

1.8 出货内外箱贴上该箱内实际内容明细

1.9 出货标签规格如下: 尺寸=长度:70mm　宽度:40mm

(如: 客户有特殊要求时，则依客户要求实施.)

卷轴包装数量		
每卷	500	PCS

内箱包装数量				
每箱	5	卷,共	2500	PCS

外箱包装数量				
每箱	50	卷,共	25000	PCS

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6. RELIABILITY TEST

	Test Items	Test Conditions	Criteria
1	High temperature resistance	Temperature:85℃ Testing time: 1000 hours. Measurement: After placing for 24 hours min	Appearance: Ferrite shall not be damaged. Impedance : Within ±20% of the initial value
2	Low temperature resistance	Temperature:-25℃ Testing time: 1000 hours. Measurement: After placing for 24 hours min.	Appearance: cracking, chipping or any other defects harmful to the characteristics shall not be allowed. Impedance: Within±20% of the initial value.
3	Thermal shock	Temperature:-25℃,+85℃, kept stabilized for 30 minutes each Cycle:100 cycles Measurement: After placing for 24 hours min.	Appearance: Cracking, chipping or any other defects harmful to the characteristics shall not be allowed. Impedance: Within ±30% of the initial value.
4	Humidity resistance	Humidity:95%RH Temperature:60℃ Testing time: 1000 hours. Measurement: After placing for 24 hours min	Appearance: Ferrite shall not be damaged. Impedance: Within ±20% of the initial value.

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7. SOLDERING CONDITIONS

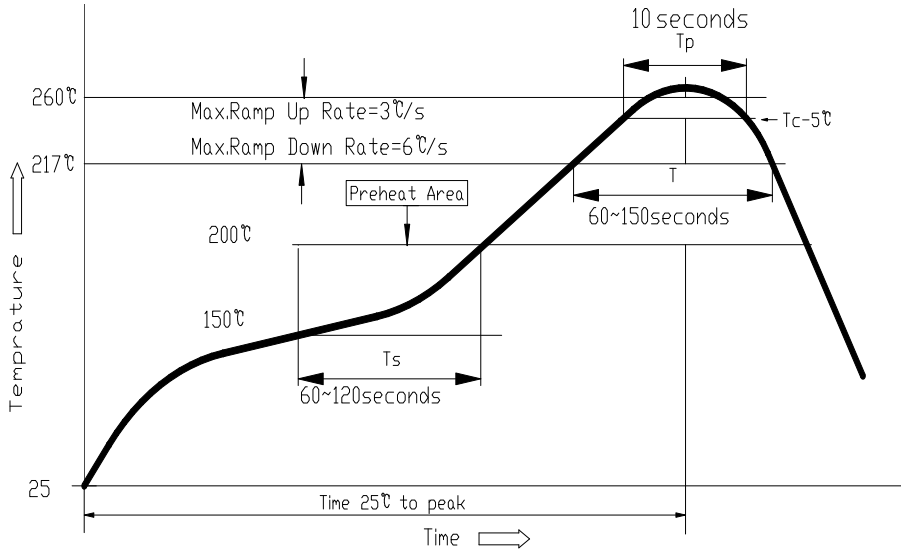
Applicable soldering process to the products is refl.

Soldering Materials

(1) Solder:Sn-3.0Ag-0.5Cu

(2) Flux:Use rosin-based flux,but not strongly acidic flux (with xhlorine exceeding 0.2wt%).Do not use water-soluble flux.

Reflow Soldering Profile



Soldering Iron

Reworking with electric solding iron must preheating at 150℃ for 1 minute is required,and do not directly touch the core with the tip of the soldering iron.The reworking soldering conditions are as follows.

①Temperature of soldering iron tip:350℃;

② Soldering iron power output:≤30W;

③ Diameter of soldering iron end:≤1.0mm;

④Soldering time:＜3 s

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