承　　认　　书

SPECIFICATION FOR APPROVAL

CUSTOMER			
CUSTOMER'S P/N			
DATE	15/Jan/2024	REVISION NO.	A
PART NO.	CKRH104R		Series
DRAWN NO.			
DESCRIPTION.	SMD POWER INDUCTOR		
Customer's Signature			

Approved by	Checked by	Drawn by
黄大燕	林树英	林树英
15/Jan/2024	15/Jan/2024	15/Jan/2024

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ECN HISTORY LIST

REV	DATE	DESCRIPTION	CHECK	APPROVED
A	15/Jan/2024	新规作成	林树英	黄大燕

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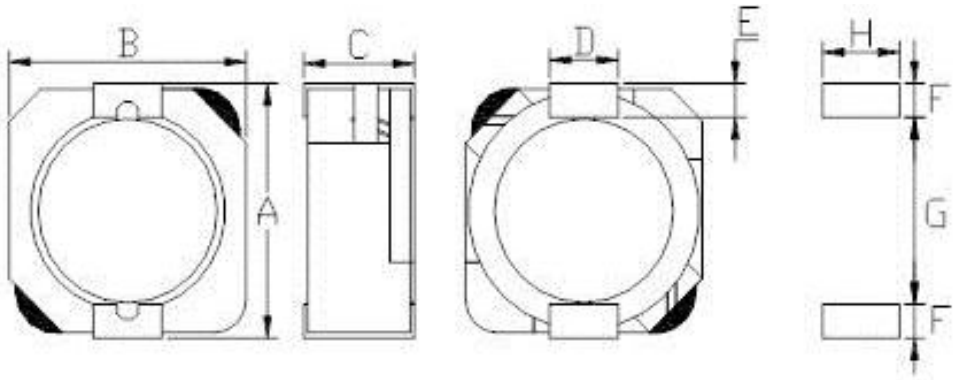
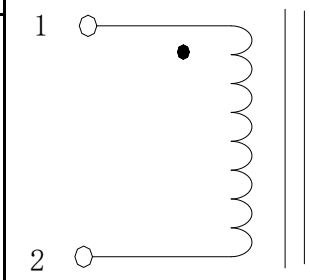
CUSTOMER	0	REVISION NO.	A
CUSTOMER'S P/N	0	PAGE	P 1/2
DESCRIPTION.	SMD POWER INDUCTOR	DRAWN NO.	0
PART NO.	CKRH104R	DATE	2024/1/15

1.SHAPE & DIMENSION

UNIT: mm



SCHEMATICS



MARKING COLOR
BLACK

A	B	C	D	E	F	G	H
10.2	10	3.8	3	1.2	1.6	7.3	3.2
±0.3	±0.3	±0.3			Ref.	Ref.	Ref.

PART NUMBERING SYSTEM

CK	RH	104	R	-	2R2	M	C
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 INDUCTANCE （电感量）
5 TOLERANCE （公差） M:±20% N:±25% Y:±30%
6 PACKAGING （包装方式） C - 编带盘装 B - 盒装

APPROVED BY	CHECKED BY	DRAFT BY
黄大燕	黄大燕	林树英

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CUSTOMER	0	REVISION NO.	A
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DESCRIPTION.	SMD POWER INDUCTOR	DRAWN NO.	0
PART NO.	CKRH104R	DATE	2024/1/15

2.SERIES SPECIFICATION

◆ CKRH104R Series Specification:

Part Number	Inductance (μH)	Teat Freq (KHz)	DCR(Ω) ±30% Max	Saturation Current (A) Typ	Temp.Rise Current (A) Typ
CKRH104R.-1R5NC	1.5	100/0.25	0.008	10.00	6.50
CKRH104R.-2R7NC	2.7	100/0.25	0.011	7.50	6.10
CKRH104R.-3R9NC	3.9	100/0.25	0.013	6.00	5.50
CKRH104R.-5R2NC	5.2	100/0.25	0.022	5.50	5.40
CKRH104R.-6R8NC	6.8	100/0.25	0.027	4.80	4.50
CKRH104R.-100NC	10.0	100/0.25	0.035	4.40	3.80
CKRH104R.-120NC	12.0	100/0.25	0.046	3.70	3.40
CKRH104R.-150NC	15.0	100/0.25	0.050	3.60	3.10
CKRH104R.-180NC	18.0	100/0.25	0.069	3.10	2.60
CKRH104R.-220NC	22.0	100/0.25	0.073	2.90	2.50
CKRH104R.-270NC	27.0	100/0.25	0.088	2.60	2.30
CKRH104R.-330NC	33.0	100/0.25	0.093	2.30	2.20
CKRH104R.-390NC	39.0	100/0.25	0.127	2.20	2.00
CKRH104R.-470NC	47.0	100/0.25	0.128	2.10	1.90
CKRH104R.-560NC	56.0	100/0.25	0.188	1.65	1.50
CKRH104R.-680NC	68.0	100/0.25	0.213	1.50	1.42
CKRH104R.-820MC	82.0	100/0.25	0.283	1.45	1.30
CKRH104R.-101MC	100.0	100/0.25	0.304	1.35	1.25
CKRH104R.-121MC	120.0	100/0.25	0.375	1.20	1.08
CKRH104R.-151MC	150.0	100/0.25	0.506	1.15	0.85
CKRH104R.-181MC	180.0	100/0.25	0.568	1.00	0.75
CKRH104R.-221MC	220.0	100/0.25	0.756	0.92	0.70
CKRH104R.-271MC	270.0	100/0.25	0.853	0.84	0.55
CKRH104R.-331MC	330.0	100/0.25	1.090	0.70	0.52

*The operating temperature is 25℃

*Isat: For Inductance drop 30% from its value without current

*Irms: The value of D.C current when the temperature rise is △T≦40℃.(Ta=25℃)

APPROVED BY	CHECKED BY	DRAWN BY
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