

SPECIFICATION FOR APPROVAL

CUSTOMER NAME	
CUSTOMER MODEL	NOTHING
MATERIAL NUMBER	
PRODUCT NAME	INDUCTANCE COIL
PRODUCT MODEL	XFACE640-ME(T344) 2-in-1 antenna
FILE NUMBER	MF-2021-0422
REV.	A/01

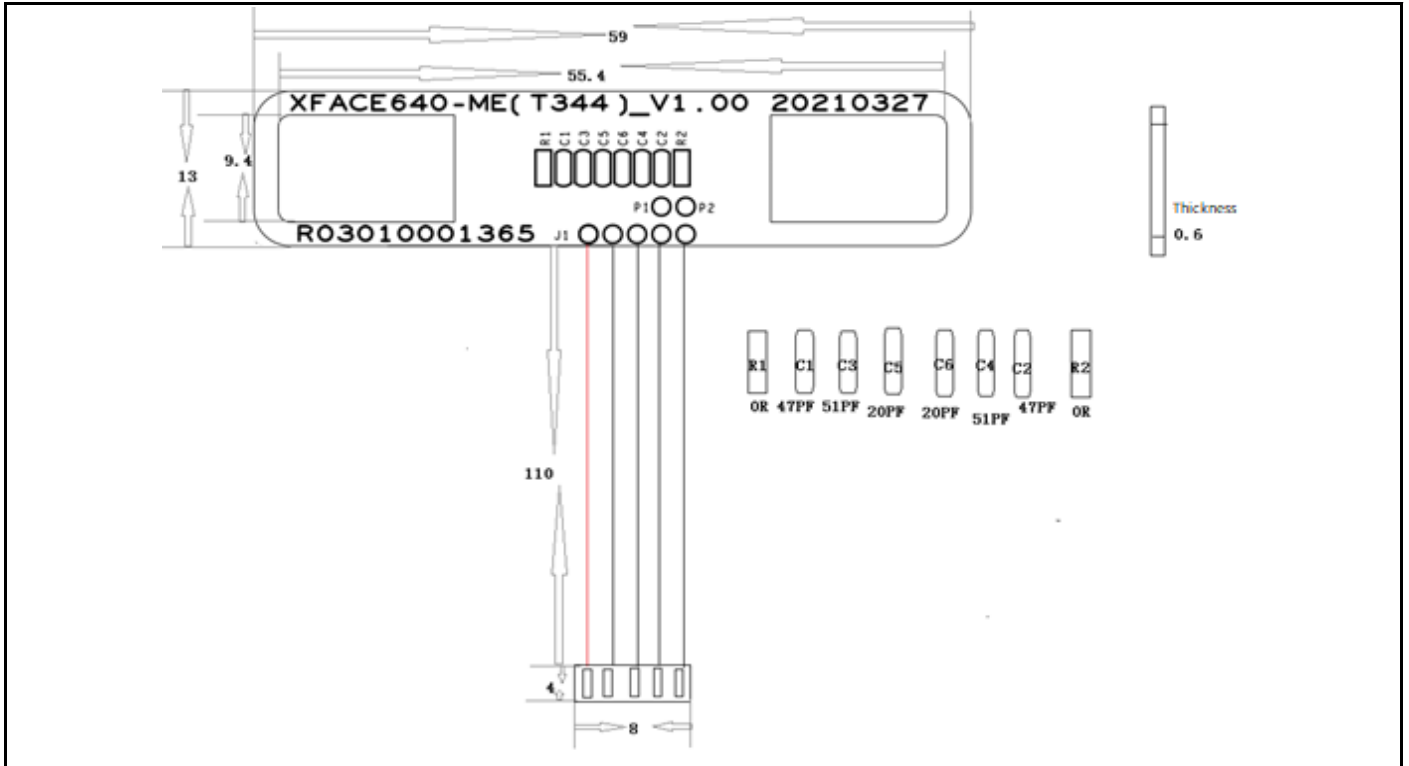
CUSTOMER	CHECKED	INSPECTION	APPROVAL	DATE
APPROVED	DRAWN	Hardware Engineer	Test Engineer	DATE

Guangdong ZK Radio Electronic Tech co. ltd

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Contact	Hongni Chen		Phone number	15813398220
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SPECIFICATION FOR APPROVAL

PICTURE & PARAMETER

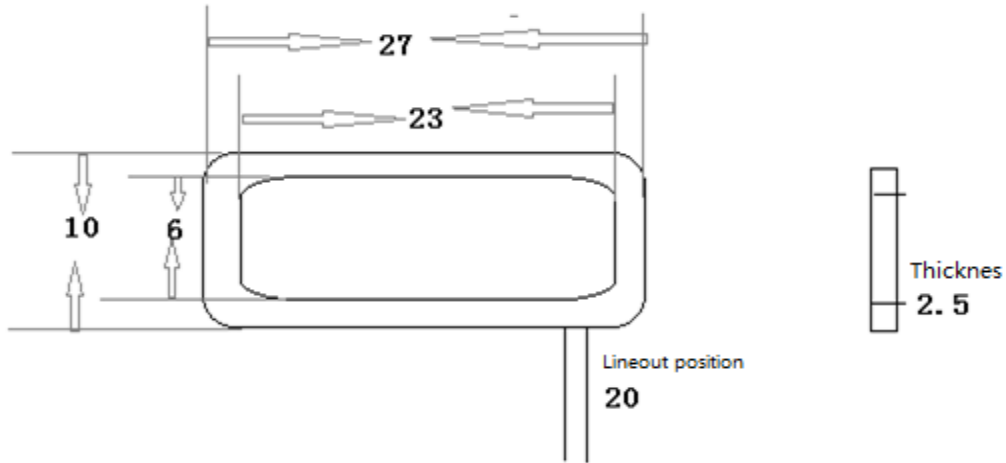


External Length	External Width	THICKNESS	PCB MATERIAL	Winding width[F]	TURNS	WIRE LENGTH(L)
59 ± 2mm	13 ± 1mm	0.6 ± 0.1mm	FR-4	/	6T	Welding 5P5 wire length = total wire length 110 ± 10mm (excluding terminals)
Internal Length	Internal Width	Customer Model	Module	Card+Distance	Test Environment	1.25-5Y size
55.4 ± 2mm	9.4 ± 1mm	XFACE640	B133	Assembly Testing: S70 Card ≥ 20mm; Bare Board Testing: S70 Card ≥ 30mm	Bare Board Testing 10 °C-25 °C, Humidity : 85%RH	(8x4) ± 0.2mm

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PICTURE & PARAMETER



IN LENGTH	IN WUDTH	THICKNESS	SEM DIMETER	DOWN-LEAD	TINNED	WIRE LENGTH	WIRE MATERIAL+ MODEL
23±2mm	6±1mm	2.5±0.3mm	/	2±0.2mm	20mm	/	/
1.25-5Y size	INDUCTANCE	RESISTANCE	WIREDIAMETER	COIL MATERIAL	Customer+ Module	Card	Distance
/	485±5%uH	/	0.2±0.01mm	Copper	/	thin ID card	Assembly Testing, ID card≥10mm ; Bare Board Testing, ID card≥20mm

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SPECIFICATION FOR APPROVAL**TEST & OPERATING CONDITIONS**

ITEM	OPERATING CONDITON
TEST TEMPERATURE	30℃
TEST HUMIDIY	65%±10%RH
TEST VOLTAGE	5V
TEST FREQUENCY	13.56 MHz/125KHz

ITEM	STANDARD OPERATING CONDITION
TEMPERATURE RANGE	-20℃～65℃
HUMIDITY RANGE	65%±30%RH
OPERATING VOLTAGE RANGE	<100V
OPERATING CURPENT RANGE	*

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TEST RECORD

NO	DATE	INTERNAL LENGTH	INTERNAL WIDTH	THICKNESS	read tag distance	JUDGEMENT
					S70, Thin ID card:0~Lmm (Assembly Testing)	
STANDARD		(IC55.4±2/ID23±1)mm	(IC9.4±1/ID6±1)mm	(IC0.6±0.1/ID2.5±0.3)mm	L≥20mm(S70)/L≥10mm(ID)	
1	4/22/2021	55.51/23.12	9.41/6.11	0.6/2.56	21/10	[OK]
2	4/22/2021	55.48/23.15	9.42/6.21	0.58/2.49	21/10	[OK]
3	4/22/2021	55.49/23.18	9.43/6.13	0.59/2.48	22/11	[OK]
4	4/22/2021	55.39/23.20	9.4/6.05	0.59/2.51	23/12	[OK]
5	4/22/2021	55.52/23.21	9.44/6.12	0.6/2.55	22/11	[OK]

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SPECIFICATION FOR APPROVAL**SPECIAL CAUTIONS**

[1] DO NOT PRESS THE PRODUCT WITH MORE THAN 0.5KGF OR DROP IT. IT CAN CAUSE CHANGES IN THE EXTERNAL SHAPE AND CHARACTERISTICS OF THE COIL.

[2] DO NOT DEPOSITED AND USE UNDER THE FOLLOWING CONDITIONS.

- * AT HIGH[LOW] TEMPERATURE OR HIGH HUMIDITY.
- * NEAR GASES WHICH CAUSE EROSION, SUCH AS H₂S, SO₂, NO₂, Cl₂.
- * AROUND SUBSTANCES WHICH PRODUCE TOXIC GASES.

[3] PLEASE DEAL WITH THE COILS GENTLY. DO NOT TOUCH THE HARD OBJECT AS MUCH AS POSSIBLE.

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SPECIFICATION FOR APPROVAL

Physical picture



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Physical picture



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SPECIFICATION FOR APPROVAL**Declaration of Environmental Conformity**

The company makes the following formal declaration for the products provided:

1. This product conforms to GB/T 26572-2011 "Requirements for the Limitation of Restricted Substances in Electrical and Electronic Products" and the exceptions of restricted substances stipulated by the state.
2. This product conforms to GB/T 26125-2011 "Test Methods for Six Restricted Substances in Electrical and Electronic Products".
3. This product conforms to SJ/T 11364-2014 "Requirements for Restricted Use Labeling of Hazardous Substances in Electrical and Electronic Products".

4. Product description

Material code :

Product Model: XFACE640-ME(T344)

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