

Chongqing Mengxun Electronic Technology Co., Ltd

Approval Sheet

Customer			Customer Model		
Product Code		Production Date	September 21, 2024		
Model Specifications	MXC-A19				
Scheme	CCX1033	File Encoding		Version	V1.4
Fabricator	Auditor		Approver		
Qu Delin	Huang Shunping		Qu Maoyi		
Customer confirmation column					
Confirmation of opinion:					
Signature: Date:					

Modification Records

Modification Version	Modification Content	Release Date	Audit
V1.0	New release	September 21, 2024	

1. Main parameters Performance indicators (Reference the following tabulation)

Form 1-1 Main parameters Performance specifications

Serial No.	Type	Item	Parameter/Description				Remark
1.1	PCB	PCB (Material)	FR-4				
1.2		PCB (Number of floors)	Level 2				
1.3		PCB (Color)	Green oil white characters				
1.4		PCB (Size and specification)	60*60*1.0±0.1mm				L* W* H
2.1	Basic function	Wireless charging	15W MAX				
2.2		Standby power consumption	15mA-30mA				
2.3		Input Voltage	9V-12V				
3.1	Wireless charging	Output Model	Automatic induction				
3.2		Output Voltage/Current	5W	7.5W	10W	15W	
3.3			5V1A	7.5V1A	9V1.12A	9V1.67A	
4.1	LED Display mode	Standby function	Standby Current.15mA-46mA				
4.2		Normal Charge	NO				
4.3		foreign matter	NO				
4.4		Pop-up window	NO				

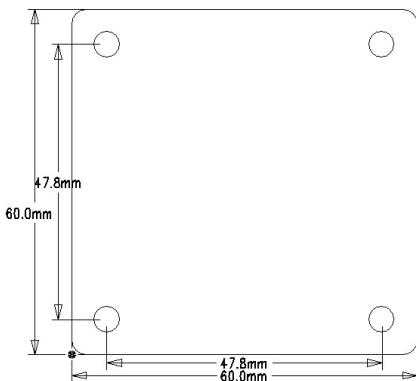
5.WINDING DETAILS(绕线详细说明):

Wdy.NO. 绕组	Start 开始	Finish 结束	Turns 圈数	Wire Dia 线径	Wdg.TypeSprad/lose 绕线方法疏/密绕	Wdg.Direction 绕线方向	Turns/Layer 层数/每层圈数
	S	F	10TS	0.08MM* 105P 丝 包线	密绕	逆时针	1 层/10TS

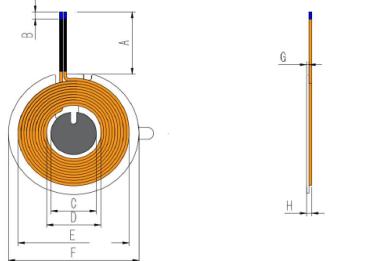
6.ELECTRICAL CHARACTERISTICS(电气特性):

PARAMETERS	UNIN	LIMTI
Inductance I_s @100KHz/1v	UH	6.5UH \pm 10%
Q @100KHz/1v	Q	77 \pm 10%
DCR @100KHz/1v	Ω	0.45 \pm 10%

4.Size Picture



1. 外观 & 尺寸 (Unit: mm):



A	B	C(小磁片U槽)	D	E	F(大磁片)	G(磁片厚)	H(总厚度)
42±1	2±1	18±0.5	21.5±0.5	39±0.5	42.4±0.4	0.8±0.05	2.2MAX(不含离型纸)

4. BOM Information

Item	Pack	Abstract	Description	U.F.	Unit	Part Code
1	SMT	Chip capacitance	CAP CER 100nF $\pm 10\%$ 50V 0402 X7R	5	PCS	C9 C10 C11 C30 C33
2	SMT	Chip capacitance	CAP CER 10nF $\pm 10\%$ 50V 0402 X7R SMD	3	PCS	C5 C26 C27
3	SMT	Chip capacitance	CAP CER 300pF $\pm 10\%$ 50V 0402 X7R	2	PCS	C20 C21
4	SMT	Chip capacitance	CAP CER 4.7nF $\pm 10\%$ 50V 0402 X7R	1	PCS	C3
5	SMT	Chip capacitance	CAP CER 6.8nF $\pm 10\%$ 50V 0402 X7R	2	PCS	C2 C6
6	SMT	Chip capacitance	CAP CER 1uF $\pm 10\%$ 25V 0402 X5R SMD	4	PCS	C4 C7 C8 C12
7	SMT	Chip capacitance	CAP CER 10uF $\pm 20\%$ 25V 0603 X5R SMD	4	PCS	C1 C15 C19 C24
8	SMT	Chip capacitance	CAP CER 22uF $\pm 20\%$ 25V 0805 X5R SMD	2	PCS	C25 C29
9	SMT	Chip capacitance	100uF $\pm 20\%$ 16V, D6.3xL5.4mm	2	PCS	C31 C32
10	SMT	Patch resistance	RES SMD 0402 2Ω $\pm 1\%$ 1/16W	2	PCS	R12 R11
11	SMT	Patch resistance	RES SMD 0402 1KΩ $\pm 1\%$ 1/16W	2	PCS	R9 R10
12	SMT	Patch resistance	RES SMD 0402 1.5KΩ $\pm 1\%$ 1/16W	1	PCS	R5
13	SMT	Patch resistance	RES SMD 0402 33KΩ $\pm 1\%$ 1/16W	1	PCS	R6
14	SMT	Patch resistance	RES SMD 0402 33RΩ $\pm 1\%$ 1/16W	1	PCS	R8
15	SMT	Patch resistance	RES SMD 0402 200KΩ $\pm 1\%$ 1/16W	1	PCS	R7
16	SMT	Patch resistance	RES SMD 0402 3KΩ $\pm 1\%$ 1/16W	1	PCS	R4
17	SMT	Patch resistance	RES SMD 0402 10KΩ $\pm 1\%$ 1/16W	1	PCS	R13
18	SMT	Patch resistance	RES SMD 0603 0Ω $\pm 5\%$ 1/10W	1	PCS	R3
19	SMT	Patch resistance	RES SMD 0603 82Ω $\pm 1\%$ 1/10W	1	PCS	R16
20	SMT	Patch resistance	RES SMD 0603 10Ω $\pm 1\%$ 1/10	1	PCS	R17
21	SMT	Patch resistance	RES SMD 0805 20mΩ $\pm 5\%$ 1/8W	1	PCS	R2
22	SMT	Patch resistance	RES SMD 0805 0Ω $\pm 5\%$ 1/8W	1	PCS	L1
23	SMT	NTC	RES SMD 0603 10KΩ $\pm 5\%$ NTC 1/10W	1	PCS	R1
24	SMT	Chip inductor	Chip inductor .33uH $\pm 20\%$ 2.5A	1	PCS	L3
25	SMT	Diode	Diode, BAV21W, 250mA, SOD-123FL	1	PCS	D1
26	SMT	Diode	Diode, 0603, SJL0603UR06-A, Red	1	PCS	D3
27	SMT	Diode	Diode, 0603, SJL0603UB06-A, Blue	1	PCS	D2
28	DIP	CBB Chip capacitance	CBB21-404J-100V P-7.5 CBB Chip capacitance, 400nF $\pm 5\%$ 100V, 7.5mm	1	PCS	C22
29	DIP	Wireless charging coil	Wireless charging coil, 6.3uH $\pm 5\%$ resistance: 75mΩ	1	PCS	L2
30	SMT	IC	CCX1033, QFN34	1	PCS	U1
31	SMT	IC	DC-DC , CX8525, SOP-8L	1	PCS	U2
32	SMT	Terminal base	GWP2540-LTR-N02, 2.5mm 2Pin SMD	1	PCS	T1
33	SMT	Printed circuit board	MXC A19 V1.4, Thickness:1.0mm	1	PCS	

Special notes:

1. Our company can only receive the order mass production after receiving the original "Customer acknowledgement letter" signed by the customer and attached the physical sample.
2. After the customer receives the sample, please test and confirm in detail and sign back, so as to facilitate our company to arrange the follow-up work of the project. If no reply is made within 5 days, we will assume that the customer has passed the test and the project will end normally.
3. After the customer passes the test, please stamp and sign in the "Customer confirmation column" to confirm, otherwise, please put forward the error message in writing.
4. For matters not mentioned in the report, the sample (sample signed back by the customer or sample provided by the customer) shall prevail.