

Letter of acceptance

SPECIFICATION FOR APPROVAL

Customer name (CUSTO Opalco technology limited company

Customer item (CUSTOMER P/N):

Name (DESCRIPTION):

DATE:2025-8-28

SPECIFICATION) : G43.5 slotting+43mm inner hole with adhesive backing 13.5mm

REV.NO.:A0

Hongri Shengwei Technology admits to signing and sealing.

departme nt	Confirmation/date	Audit/date	Approval/date	(official seal of
quality	Dong Wanhong 2025-8-28	Lv Hui 2025-8-28	Wei Hanman 2025-8-28	
engineeri ng	He Weihua 2025- 8-28	Wei Lihong 2025-8-28	Wei Lihong 2025- 8-28	

Remarks:

**Hauptoul Science and Technology Co., Ltd. admitted to signing
and sealing.**

departme nt	Confirmation/date	Audit/date	Approval/date	(Gai company)
Develo pme nt proje ct				
purchase				
quality				

Remarks:

Shenzhen Hongri Shengwei Technology Limited Company

HRSW ELECTRONICS CO.,LTD

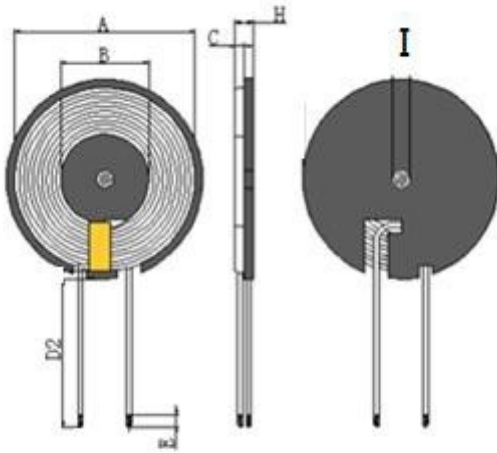
**ADD: Floor 2, Building 1, No.48 Guanlan Huanguan Middle Road,
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TEL: +86-755-23461055 FAX: +86-0755-28015170

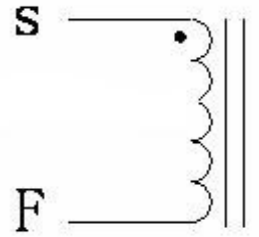
page:1/4

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1. MECHANICAL DIMENSION (UNIT:mm)



2.SCHEMATICS:



1. Coil sticking magnetic sheet, magnetic sheet size $43.5 \pm 1\text{mm}$, with a thickness of $0.5 \pm 0.05\text{mm}$, open L-slot.
2. Coil outlet position is wrapped with adhesive paper for 1-2Ts;

A	B	C	D2	E	F	G	H	I
43.5 ± 1.0	13.5 ± 1.0	0.5 ± 0.05	43 ± 3	4 ± 2	2.0MAX	5 ± 0.1		

Adhesive should be attached to the bottom of the magnetic separator.
 4. Add a 5×1.5 magnet in the middle of the magnetic disk.

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
1	S-F	$0.08 \times 24 \times 2\text{Pmm}$ 2UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	IDC	HI-POT
1	Coil plus magnetic sheet	S-F	Separate coil	S-F	
2	100KHz,0.25V	AT 25°C	100KHz,0.25V	AT 25°C	

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
one	Hot air line	0.08×24	NANJINGJINNINGCO,LTD	
2	Lead-free tin bar	Lead-free tin bar	QIAODO	
three	magnetic sheet	43.5×0.5 Mn-Zn hard magnetic sheet with L slot.	TAIYI CO.,LTD	
four	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
five	High temperature adhesive tape	7mm wide high temperature adhesive tape	CUDAK CO.,LTD	
six	gum	41.5×0.1	CUDAK CO.,LTD	
seven	magnet	5×1.5	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD		PART NO	
		TITLE	G43.5 slotting+43mm inner hole with adhesive backing 13.5mm

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He weihua	Wei lihong	Wei lihong

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6.SAMPLE TEST DATA									
6.1DIMENSION TEST(UNIT:mm)									
TEST ITEM	A	B	C	D	E	H	I		
SPEC	43.5±1.0	13.5±1.0	0.5±0.05	43±3	4±2	2.0MAX	5±0.1		
one	43.48	13.59	0.49	43.2	3.50	1.64	4.98		
2	43.51	13.67	0.51	43.6	3.60	1.69	4.96		
three	43.52	13.68	0.5	42.5	3.70	1.62	5.05		
four	43.46	13.59	0.48	42.8	3.80	1.63	5.03		
five	43.39	13.57	0.5	43.6	4.00	1.65	4.98		
six									
seven									
eight									
nine									
10									
MAX	43.52	13.68	0.51	43.60	4.00	1.69	5.05		
MIN	43.39	13.57	0.48	42.50	3.50	1.62	4.96		
AVERAGE	43.47	13.62	0.50	43.14	3.72	1.65	5.00		
6.2ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25°C						
SPEC	6.5uH ±10%		90mΩ(Max)						
one	6.51		52.00						
2	6.49		54.00						
three	6.52		53.00						
four	6.48		56.00						
five	6.53		52.00						
six									
seven									
eight									
nine									
10									
MAX	6.53		56.00						
MIN	6.48		52.00						
AVERAGE	6.51		53.40						
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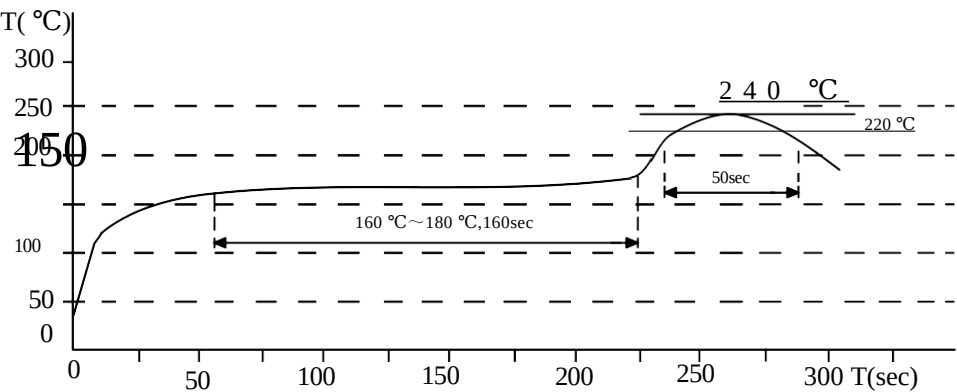
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3.电气参数

项 目	性 能	试 验 方 法
直流叠加特性	加额定电流时电感值的变化 为初始值的35%以内	用LCR及相应的偏置电源 测定
温度变化	40℃以内	加额定电流，用表面温度计 测其温度
过载试验	产品主体不发生表面 碎裂、烧焦、终端 无松动，无开路等现象	施2倍的额定电流持续5分钟。
绝缘电阻	100MΩ 以上	在两电极间施加250V 直流电压持续5分钟
使用温度	包括产品自身发热温度	-40℃~100℃
存储温度特性	产品外观无异常 特性规格范围内	-40℃~100℃
耐湿特性	产品外观无异常 特性规格范围内	1.温度：40 ± 2℃； 2.湿度：90℃~95℃； 3.时间：96 ± 2小时。



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hole with
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13.5mm

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Chao Xie	He weihua	Wei lihong
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