

# letter of acknowledgment

SPECIFICATION FOR APPROVAL

CUSTOMER: Shenzhen Runyunteng Technology Co., Ltd

CUSTOMER P/N:

DESCRIPTION : RYT-007

DATE: 2023/7/14

SPECIFICATION : G43.5 slotting + adhesive 15mm

REV. NO. : A0

Hongrishengwei Technology recognizes the signature and seal

department	confirm	review	approve	stamp
quality	Dong Wanhong	Lu Hui	Wei Hanman	
project	He Weihua	Wei Hong	Wei Hong	

Remark:

Runyunteng Technology recognizes the signature and seal

department	confirm	review	approve	stamp
development project	Yin Baohua	Yin Baohua	Yin Baohua	
purchase				
quality				

Remark:

Shenzhen Hongri Shengwei Technology Co., Ltd.

HRSW ELECTRONICS CO., LTD

ADD: 2nd Floor, Building 1, No. 48, Huanguan Middle Road, Guanlan, Longhua New District, Shenzhen

TEL: 15112254520

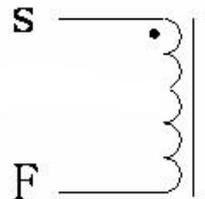
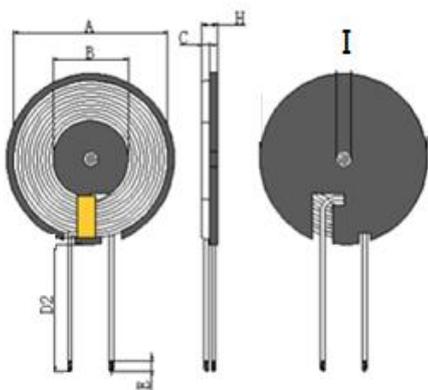
FAX: +86-0755-28015170

page: 1/3

# SPECIFICATION FOR APPROVAL

## 1. MECHANICAL DIMENSION (UNIT:mm)

## 2. SCHEMATICS:



1. Coil attached magnetic sheet, magnetic sheet size  $43.5 \pm 1\text{mm}$ , Open L slot.
2. Coil outlet position Adhesive paper 1-2Ts;
3. Adhesive should be attached to the bottom of the magnetic isolation sheet

A	B	C	D2	E	H	I			I
$43.5 \pm 1.0$	$13.5 \pm 1$	$0.9 \pm 0.1$	$15 \pm 3$	$4 \pm 2$	2.8MAX	$5 \pm 0.5$			

## 3. WINDING:

### 1.1 bottom printing 100

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Silk covered wire $\varnothing 0.08 \times 105\text{mm}$ 2UEW	12TS (Ref)		

## 4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR		Q值	HI-POT
TEST	Coil plus magnetic sheet	S-F			
COND	100KHz, 0.25V	AT 25°C			
SPEC	$6.8\mu\text{H} \pm 10\%$	$60\text{m}\Omega$ Max			

## 5. BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk covered wire 0.08*105 strands	Acetone silk covered wire 0.08*105 strands	NANJINGJINNINGCO,LTD	
2	Lead-free solder bar	Lead-free solder bar	QIAODO	
3	disk	$\varnothing 44 \times 0.9$ MnZn hard magnetic sheet with L slot	TAIYI CO.,LTD	
4	glue	Yellow gum 9999	LIANCHENG CO.,LTD	
5	High temperature tape	7mm wide high temperature adhesive tape	CUDAK CO.,LTD	
6	Adhesive	$\varnothing 1.5 \times 0.1$	CUDAK CO.,LTD	

HRSW ELECTRONICS CO.,LTD

PART NO

TITLE

G43.5 slotting + adhesive 15mm

DRAWN BY

CHECKED BY

APPROVED BY

He Weihua

Wei Lihong

Wei Lihong

# SPECIFICATION FOR APPROVAL

6. SAMPLE TEST DATA									
6.1 DIMENSION TEST (UNIT: mm)									
TEST ITEM	A	B	C	D	E	H	I		
SPEC	43.5±1.0	13.5±1	0.9±0.1	15±3	4±2	2.8MAX	5±0.5		
1	43.38	13.59	0.86	15	3.50	2.55	5.03		
2	43.51	13.67	0.87	14.6	3.60	2.56	5.02		
3	43.42	13.68	0.9	15.02	3.70	2.49	4.99		
4	43.62	13.59	0.86	15.03	3.80	2.52	5.01		
5	43.97	13.57	0.89	14.49	4.00	2.50	5		
6									
7									
8									
9									
10									
MAX	43.97	13.68	0.90	15.03	4.00	2.56	5.03		
MIN	43.38	13.57	0.86	14.49	3.50	2.49	4.99		
AVERAGE	43.58	13.62	0.88	14.83	3.72	2.52	5.01		
6.2 ELECTRICAL TEST									
TEST ITEM	L		DCR	IDC		Q	HI-POT		
	S-F		S-F						
TEST COND	100KHz/0.25v		AT 25°C						
SPEC	6.8uH ±10%		60mΩ (Max)						
1	6.79		42.00						
2	6.80		42.30						
3	6.75		42.50						
4	6.80		42.10						
5	6.76		42.35						
6									
7									
8									
9									
10									
MAX	6.80		42.50						
MIN	6.75		42.00						
AVERAGE	6.78		42.25						
HRSW ELECTRONICS CO., LTD					PART NO		G43.5 slotting + adhesive 15mm		
					TITLE				
DRAWN BY			CHECKED BY			APPROVED BY			
He Weihua			Wei Lihong			Wei Lihong			