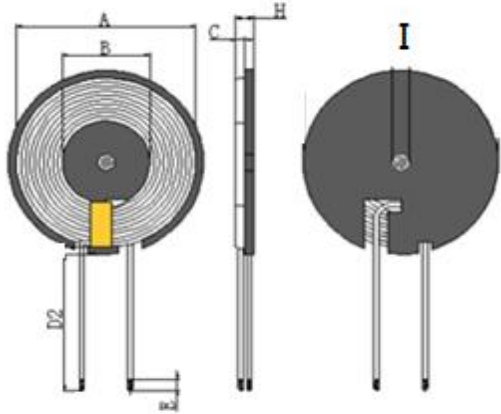
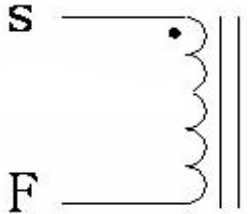


SPECIFICATION FOR APPROVAL

1.MECHANICAL DIMENSION (UNIT:mm)



2. SCHEMATICS:



1. Attach the magnetic sheet to the coil.
The size of the magnetic sheet is 43.5 ± 1 mm, with a thickness of 0.8 ± 0.05 mm and a rectangular slot.
2. The position where the coil is connected to the outside.
Wrap adhesive tape 1-2 times.
3. The bottom of the magnetic spacer should be adhered with back adhesive.

A	B	C	D2	E	H	I			I
40.5 ± 1.0	13.5 ± 1	0.8 ± 0.05	16 ± 2	4 ± 2	2.5MAX	5 ± 0.5			

3.WINDING:

STEP	START-FINISH	WIRE TYPE	TURNS	TAPE	REMARK
N1	S-F	Wire loop with diameter 0.08 mm * length 105 mm, 2 pieces, UEW	12TS (Ref)		

4. ELECTRICAL SPECIFICATION:

ITEM	L	DCR	L	Q value	HI-POT
TEST	Coil with magnetic sheet	S-F	Single coil		
CON	100KHz, 0.25V	AT 25°C	100KHz, 0.25V		
SPEC	$6.8 \mu\text{H} \pm 10\%$	60mΩ Max	$3.8 \mu\text{H} \pm 15\%$		

5.BILF OF MATERIAL:

NO.	ITEM	MATERIAL SPECIFICATION	MANUFACTURER	SGS NO.
1	Silk braided wire: 0.08 * 105 strands	Acetone silk braided wire: 0.08 * 105 strands	NANJINGJINNINGCO,LTD	
2	Lead-free tin rod	Lead-free tin rod	QIAODO	
3	magnetic sheet	44*0.8 manganese-zinc hard magnetic sheet with L-shaped slot	TAIYI CO.,LTD	
4	glue	Yellow Glue 999	LIANCHENG CO.,LTD	
5	high-temperature adhesive tape	7mm wide heat-resistant adhesive tape	CUDAK CO.,LTD	
6	gum	Ø 41.5*0.1	3M	

Dongguan CityXinwang Coil Technology Co., Ltd		PART NO	Z300 Bpp Coil
		TITLE	G43.5 slotting + adhesive backing 16mm
DRAWN BY	CHECKED BY		APPROVED BY
Zhu Jinlu	Li Yafei		Li Yafei

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