

Specification No	20231115001
Date of entry into force	2023-11-15

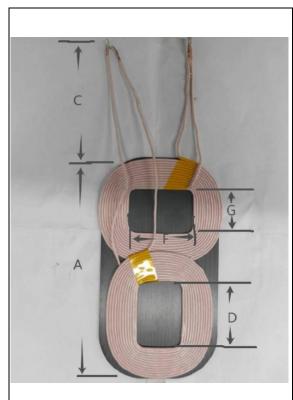
Customer Name	Dongguan HANK Electronics., LTD	
Product type	8546 Double coil	
Part number	HBY20231115001 -12T-L=45	
Customer part number	101.20. 05730	

Organization	Reviewer	Approver
Xiao Shufang	Peng Yong	Zhu Hui

Anfu County Huiboya Electronics Co., Ltd

Customer Name	Dongguan HANK Electronics., LTD	Customer part number	101.20.05730
Part number	HBY20231115001 - 12T-L45	Specification No	20231115001
	Release/Rev	rision Record	
Version	Date of entry into force	Change Content & Reason	Approval
01	2023-11-15	New specification release	
Prepared	Reviewed		Approve
Xiao Shufang	Peng Yong		Zhu Hui

Customer Name	Dongguan HANK Electronics., LTD	Customer part number	101.20.05730
Part number	HBY20231115001 -12T-L45	Specificati on No	20231115001



	(单位: mm)
Α	85.0 ±1
В	46.0 ±1
С	45.0 ±1
D	25.0 ±0.5
E	17.0 ±0.5
F	17.0 ±0.5
G	25.0 ±0.5

Notes

- (1) Wire diameter: 0.08 * 105P silk wrapped wire
- (2) Number of coils wound: 12TS
- (3) Whether the starting and ending lines intersect: W1 Yes; W2 is not
- (4) Stick double-sided tape on the bottom of the magnetic disc
 (5) The coil is stuck in the middle position
- of the magnetic sheet

Electrical characteristics

Parameter	Specifications	Test conditions	Testing instrument
L(W1)	11±10%uH	100KHz/1V	TH1816B
L(W2)	11±10%uH	100KHz/1V	TH1817B
Q(W1)	75>min	100KHz/1V	
Q(W2)	75>min	100KHz/1V	
DCR(W1)	≤75Max mΩ	@25 ℃	CH-5-2BC
DCR(W2)	≤75Max mΩ	@25 ℃	CH-5-2BC

Temperature rating

Operate -40℃~125℃ temperature

Bill of Material: ≤

Bill of Material.				
Serial Number	Product Name	Material specifications	Supplier	Notes
1	Magnetic sheet	8546*1.0		PC40 Meng Ci Ge Magnetic

			Disc
2	Copper wire	0.07*100P	Standard configuration of C copper wire wrapped wire
3	High temperature tape	8MM	Environmentally friendly adhesive paper
4	Tin	107H	Environmentally friendly tape
5	Glue	double-sided tape	Qiandao Environmental Protection Tin