

# SPECIFICATION



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

# SPECIFICATION

<b>Customer Name</b>	Dongguan HANK Electronics., LTD	<b>Customer part number</b>	101.20.05730
<b>Part number</b>	HBV20231115001-12T-L45	<b>Specification No</b>	20231115001
<b>Release/Revision Record</b>			
<b>Version</b>	<b>Date of entry into force</b>	<b>Change Content &amp; Reason</b>	<b>Approval</b>
01	2023-11-15	New specification release	
<b>Prepared</b>	<b>Reviewed</b>		<b>Approve</b>
Xiao Shufang	Peng Yong		Zhu Hui

# SPECIFICATION

<b>Customer Name</b>	Dongguan HANK Electronics., LTD	<b>Customer part number</b>	101.20.05730
<b>Part number</b>	HBY20231115001 -12T-L45	<b>Specificali on No</b>	20231115001

	(单位: mm)	
	<b>A</b>	<b>85.0 ±1</b>
	<b>B</b>	<b>46.0 ±1</b>
	<b>C</b>	<b>45.0 ±1</b>
	<b>D</b>	<b>25.0 ±0.5</b>
	<b>E</b>	<b>17.0 ±0.5</b>
	<b>F</b>	<b>17.0 ±0.5</b>
	<b>G</b>	<b>25.0 ±0.5</b>
<b>Notes</b>		
(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 temperature	-40℃~125℃			
Bill of Material: ≤				
Serial Number	Product Name	Material specifications	Supplier	Notes
1	Magnetic sheet	8546*1.0		PC40 Meng Ci Ge Magnetic

## SPECIFICATION

				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