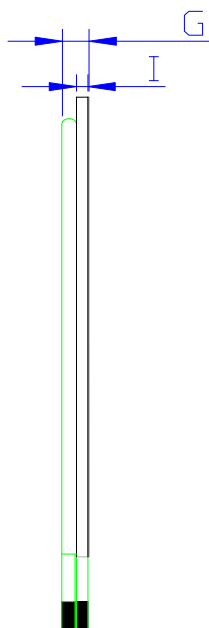


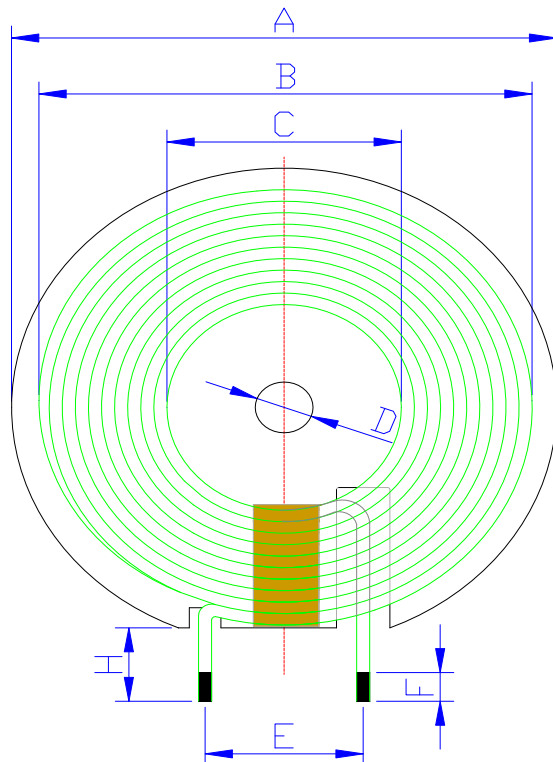
Product Specification

客户名称	深圳市芯狼电子有限公司	客户料号	DXQ022.0224	
辉博雅料号	TX-HBY20240412002-43.5开双槽10TS L=15MM	Specification number	20240412002	版本Version

◆、Overall dimensions



Side view of the inductor showing dimensions G and I. Dimension G is the total height of the component, and dimension I is the height of the central core.



Top view of the inductor showing dimensions A through I. Dimension A is the overall diameter, B is the diameter of the outermost winding, C is the diameter of the innermost winding, D is the diameter of the central core, E is the diameter of the central core, F is the diameter of the central core, G is the height of the central core, H is the height of the central core, and I is the height of the central core.

(Unit: mm)

A	43.5
B	42.0
C	20.5
D	5.3Ref
E	10.0
F	3.0
G	2.5
H	15.0
I	0.8±0.1mm

(1) Wire diameter: 0.08mm covered wire

(2) Number of winding: 10

(3) Whether the starting lines cross: Yes

(4) The coil is wrapped with high-temperature tape

(5) The coil and the magnetic sheet need to be pasted and fixed

(6) 43 double-slot round double-sided tape on the back of the magnetic sheet

◆、Electrical characteristics:			
Parameter	Specification	Test conditions	Testing
L0	6.3 ±0.3 μH	100KHz/1V	TH1816
Q	>60 min	100KHz/1V	TH1816
DCR	<50 mΩ	@ 25℃	502BC

◆、Temperature grade:	
Operating temperature	-40℃~ 125℃

◆、List of materials:				
NO.	NAME	Material specification	Supplier	Remarks
1	Magnetic sheet	43.5*0.8*10T double slots		PC95 zinc hydro
2	Copper wire	0.08*105P		Copper wire coa
3	High-temperature tape	8MM		Environmentally frie
4	Tin	107H		Environmental Prote
5	glue	Yellow glue		Environmentally frie
6	glue	43 Double-slot round double-sided tape		Environmentally frie

