

Product Specification

客户名称	深圳市芯狼电子有限公司	客户料号		
辉博雅料号	TX-HBY20230808002-43.5 Double slot 12TS L=100MM	Specification number	20230808002	Version

◆、Overall dimensions

Side view of the inductor. Dimension G indicates the total height of the component. Dimension I indicates the height of the mounting base.

Top view of the inductor. Dimension A is the overall diameter. Dimension B is the diameter of the outermost winding turn. Dimension C is the diameter of the innermost winding turn. Dimension D is the diameter of the central hole. Dimension E is the diameter of the mounting base. Dimension F is the thickness of the mounting base. Dimension G is the height of the mounting base. Dimension H is the height of the inductor body. Dimension I is the height of the mounting base.

(Unit: mm)	
A	43.5
B	40.0
C	14.0
D	5.3Ref
E	10.0
F	3.0
G	2.2
H	100.0
I	0.8±0.1(the max)
(1) Wire diameter: 0.0 covered wire	
(2) Winding number :1	
(3) Whether the starting lines cross: Yes	
(4) The coil is wrapped high-temperature tape	
(5) The coil and the mounting base need to be pasted and	
(6) 43 double-slot double on the back of the mounting base	

◆、Electrical characteristics:

Parameter	Specification	Test conditions	Testing instrument
L0	6.8 ±0.3 μH	100KHz/1V	TH1816
Q	>60 min	100KHz/1V	TH1816
DCR	<50 mΩ	@ 25℃	502BC

◆、Temperature grade:

Operating temperature	-40℃~ 125℃
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◆、List of materials:

NO.	NAME	Material specification	Supplier	Remarks
1	Magnetic sheet	43.5*0.8*12T 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-sided adhesive tape		Environmentally frie

[illegible]