

acknowledgement
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SPECIFICATION FOR APPROVAL

Customer:
Custo
mer:
CUSTOMER:

Customer ID:
CUST P/N:

Product Type:
DESC:
Enamel-coated wire, 0.15mm diameter × 24mm length × 83mm
diameter × 46mm width, 100mm length

date : date :
DATE:
2025 3.20

edition :
editio
n :
Version:

A1

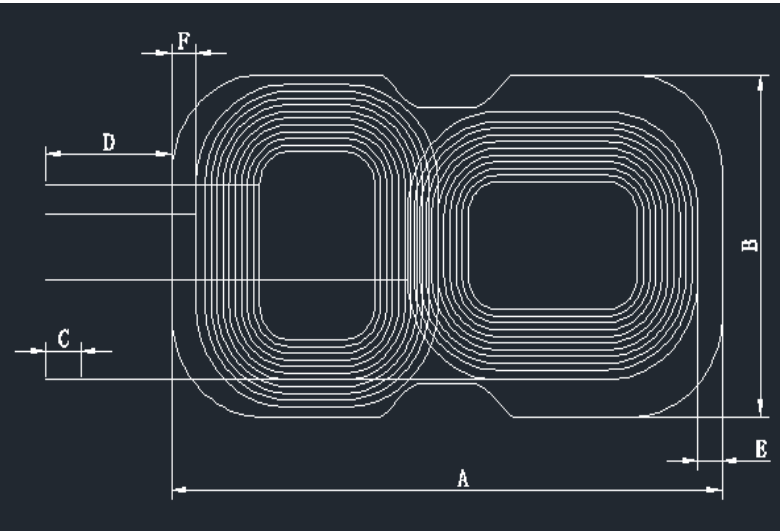
pseudonymy PREPARED BY	Review CHECKED BY	ratify APPROVED BY	customer recognition CUSTOMER APPROVE
Xu Qiang		Lin Chunsheng	

SPECIFICATION

Product Type:
DESC ΦSP*0.8-0.15x24P-9TS/100mm wire length version
DESC ΦSP*0.8-0.15x24P-9TS/100mm wire
length version
DESC Φ
SP*0.8-0.15x24P-9TS/100mm wire length version
Rev: A.0

Customer CUST: 331
331
Material code: Fine P/N:
Customer part number: A50
Custom
er part number: A50
A 83±1.0

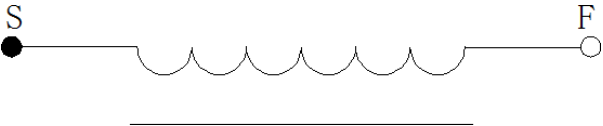
1. Dimension (mm)



B 46±1.0
C 3.0±1.0
D 80±3 D 80±3
E 3.5±1
F 3.5±1

pour :
1.Magnetic sheet for coil,
magnetic sheet size
83±1 mm, *46±0.5 mm, with a
thickness of
0.8±0.1mm.
2.Apply 6mm (ref) wide high-
temperature adhesive tape
with 3mm Ts at the coil lead-
out position.
3
83±0.5mm (reference) × 46±
0.5mm adhesive backing

II. SCHEMATIC DIAGRAM:



3. Winding Specification:

order number NO.	terminal TERMINAL		Wire diameter WIRE	number of turns Turns	direction of winding Winding Direction
1	S	F	0.15*24P copper-clad aluminum enameled wire	9Ts	CCW

IV. ELECTRICAL CHARACTERISTICS:

Temperature: 25±10°C; Relative Humidity: 65±20%

order number NO.	project ITEM	terminal TERMINAL	standard SPECIFICATION	test condition TEST FREQUENCY	measuring and test instruments TEST EQUIPMENTS
1	IND.	S-F	4.2uH ±20% single coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	7.0uH ±5% magnetic insert	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	7.0UH±5% with magnetic insert	100KHz/1.0V	LCZ METER 502B

E 3.5±1↵
F 3.5±1↵

Note: ↵

1. Magnetic sheets are attached to the coil,
with dimensions of 83±1mm × 46±0.5mm
and a thickness of 0.8±0.1mm.

2. **The coil lead-out position is
wrapped with 6mm (ref) wide high-
temperature adhesive tape (3mm Ts).**

3↵

83±0.5mm (ref) * 46±0.5 **Back glue,**↵

Pretend/Date PREPARED BY/DATE CHECKED BY/DATE Pretend/Date PREPARED BY/DATE
CHECKED BY/DATE

Lin Chunsheng 2025/03/25 2025/3/25 2025/3/25