

SPECIFICATION FOR APPROVAL

CUSTOMER: **Shenzhen Aodehong Electronic Technology Co., Ltd.**

CUST P/N:

FINE P/N:

G4511-6.5uH single-coil 0.08*80P*15TS

DESC:

DATE:

2024/11/08

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
黃燕铭	宁元安	黃锦华	

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SPECIFICATION

DESC	Φ 13.5x39-6.5uH-0.08x105P-20mm-43.5C	Rev: A.0	CUST: CUST P/N:	XXX										
一、 DIMENSION:(mm)														
			A	35.0 ± 0.5										
			B	32 ± 1										
			C	5 ± 0.5										
			D	150 ± 2										
			E	3 ± 2										
			F	2 ± 0.2										
Operation Frequency	100-300KHz													
Antenna Type	Loop coil antenna													
Antenna gain:	0dBi													
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.														
二、 SCHEMATIC DIAGRAM:														
三、 Winding Specification:	<table border="1"> <thead> <tr> <th>NO.</th> <th>TERMINAL</th> <th>WIRE</th> <th>Turns</th> <th>Winding Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>S F</td> <td>Wrapped wire 0.08*80P</td> <td>15Ts</td> <td>CCW</td> </tr> </tbody> </table>				NO.	TERMINAL	WIRE	Turns	Winding Direction	1	S F	Wrapped wire 0.08*80P	15Ts	CCW
NO.	TERMINAL	WIRE	Turns	Winding Direction										
1	S F	Wrapped wire 0.08*80P	15Ts	CCW										
四、 ELECTRICAL CHARACTERISTICS:														
TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%														
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS									
1	IND.	S-F	3.8uH ±20% Individual coil	100KHz/1.0V	LCZ METER 1062B									
2	IND.	S-F	6.5uH ±10% add magnetic plate	100KHz/1.0V	LCZ METER 1062B									
3	Q value	S-F	≥55											
4	DCR	S-F	≤48mΩ		LCZ METER 502B									
PREPARED BY/DATE			CHECKED BY/DATE											
黄燕铭 2024/11/08			黄锦华 2024/11/08											