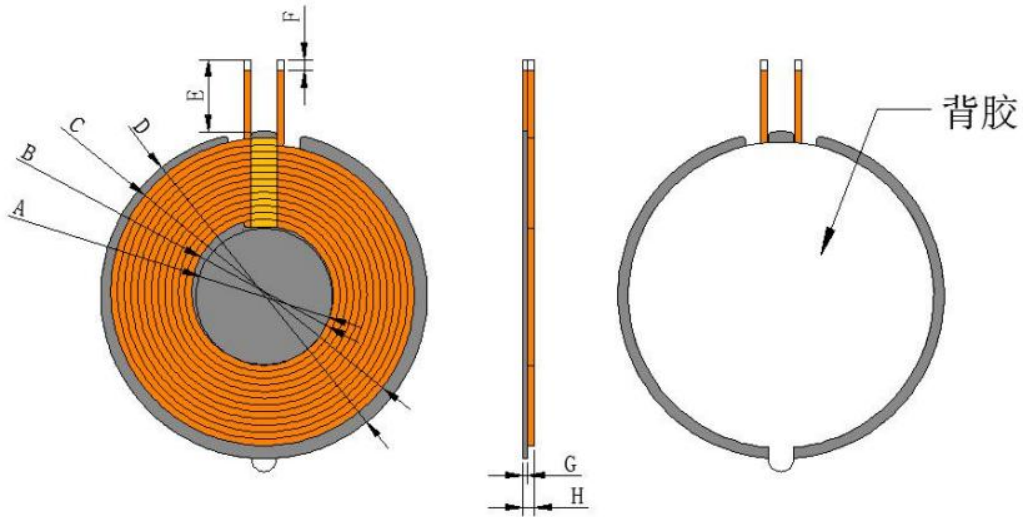


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Coil Dimensions (Unit: mm)

A	B	C	D	E	F	G	H
20±0.3	20.5±0.5	39±1	42.5±0.5	11±1	3±1	0.8±0.1	2.3 (max)



- Note : 1. The backing tape is white double-sided tape.
2.Coil fitting position is centered.

1.1.2 Bpp

WPC Type	Input Voltage	Capacitor	Coil
A11	5V	400nF/50V/C0G	6.5±5%uH

1.2 Digital demodulation is combined with analog demodulation

The D9512C has an integrated high-performance digital demodulation circuit, built-in programmable gain preamplifier and filter, combined with an external analog demodulation line, greatly improving communication reliability.

1.3 Over current and Over Temperature Protections

If an over-current or over-temperature situation is detected, D9512C will stop power transfer to ensure safety.

1.4 Undervoltage protection and overvoltage protection

The supply voltage $V_{in} < 4.2V$ will trigger undervoltage protection and D9512C will turn off the