

**FWC series (Rev. 5.0)**



**Ant Type:** Loop coil Antenna

**Features & Applications**

- \* Wireless charging coil
- \* High permeability shielding for wireless charging receiving coils
- \* High saturation powered iron - not affected by permanent locating magnets
- \* Blocks charging flux from sensitive components or batteries
- \* Durable construction

**Product Identification**

**FWC** - **T** **5035** - **001** **K**  
 1            2            3            4            5

1. Product Code: FWC
2. [T]-Tx.
3. Size Code
4. Series No. : 001
5. [A-Z]: For Customized Design.

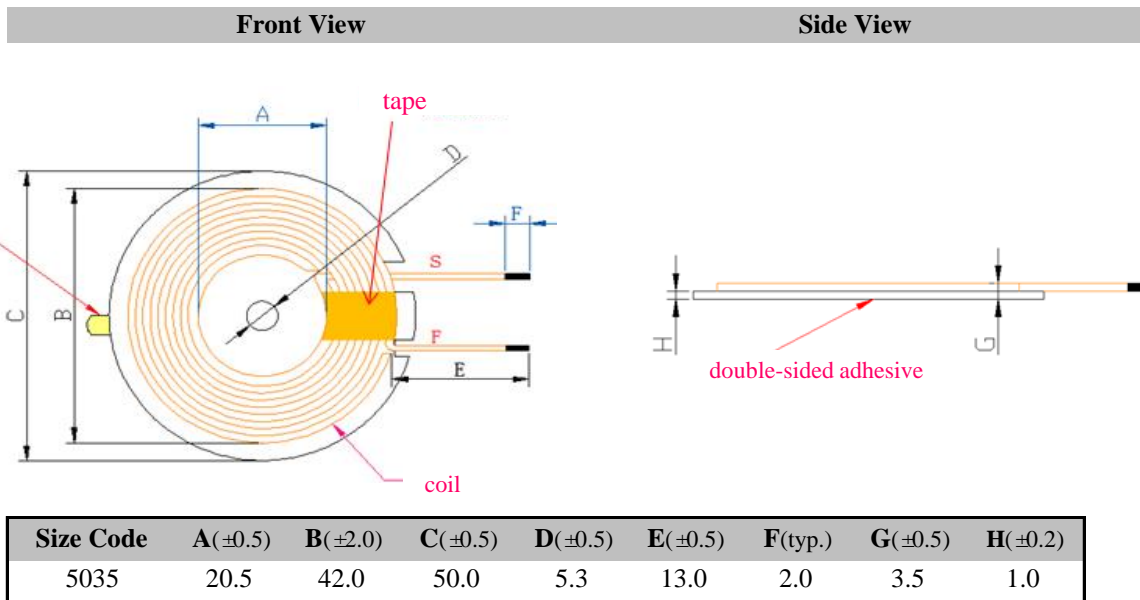
**Operating & Storage Condition :**

- \* Operating Temp. : -55 to +85 °C
- \* Storage Temp. : -25 to +35 °C
- \* Storage Life Time : 12 Month @25 °C , RH 70%

**Standard Atmospheric Conditions :**

- \* Ambient Temp : 20±15 °C
- \* Relative Humidity : 65±20%

**Dimensions[mm]**



Model	Inductance (uH)	DCR (mΩ)	Q	Gain
FWC-T5035-001K	6.3±10%	55.0 max.	60.0 min.	0 dBi.

\* Inductance Test Condition: 100KHz/ 1.0V.