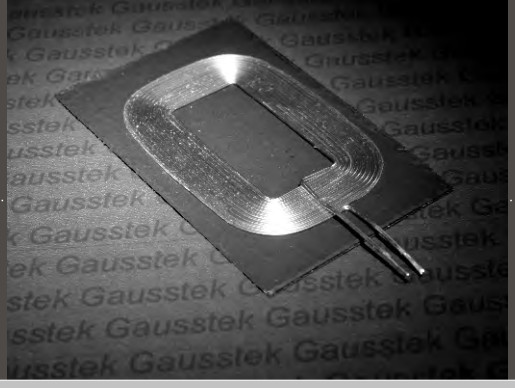


Gausstek Corp.

Wireless Charging Receiving

Series RX *Coils / Shielded*

FEATURES

Wireless Charging Transmitting Coil/Shield.
Optimized for 5V charging circuit.
100% Lead(Pb) & Halogen-Free and RoHS compliant.
Block charging flux from sensitive components or batteries.
Durable Construction.

PRODUCT IDENTIFICATION

RX	39	E	N	E	X	K	10U
a	b	c	d	e	f	g	h

a : Type of products
b : Dimension - 39 : 383109 3E : 383114 49 :483209
c : Wire Type - E : Enameled wire, S : Silk envelope
d : Magnet Type - M : Magnet, N : Non-Magnet
e : Number of turns - D : 13 Turns E : 14 Turns
f : Packing - Customer definition
g : Tolerance - K : ±10%
h : Inductance - 9U8=9.8 μH,10U=10 μH, 10U5=10.5 μH

ELECTRICAL CHARACTERISTICS

Part Number	Inductance (μH) ±10%	Test Frequency (Hz)	RDC(Ω) typ.	Q typ.	Turns	Efficiency %
RX39ENEXK 10U	10	100K/1V	0.19	21	14	>70
RX3EENDXK 9U8	9.8	100K/1V	0.22	21	13	>70
RX3NENEXK 9U8	9.8	100K/1V	0.14	26	14	>70
RX49ENEXK 10U5	10.5	100K/1V	0.236	28	14	>70

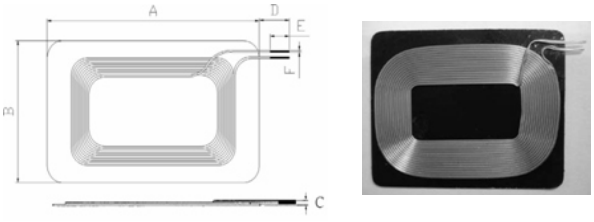
Test Equipment :

1. L,Q,IDC,RDC:HP4284A,HP42841A,Agilent 34420A or EQUIVALENT
2. Ambient Temp : 20±15℃
3. Relative Humidity : 65±20%
4. If there may be any doubt on the result,measurement shall be made Within the following limits :
   Ambient Temp : 25±5℃
   Relative Humidity : 75±10%

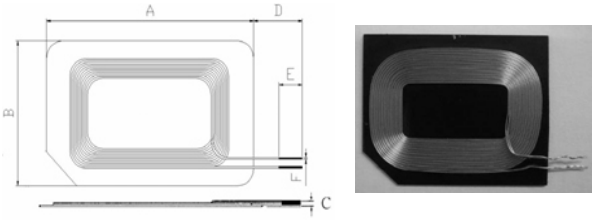
Operating & Storage Condition :

1. Operating Temp. : -25℃ ~ +85℃
2. Storage Temp. : -40℃ ~ +85℃
3. Relative Humidity : 65±20%
4. Storage life time : 12 Month @25℃ RH 40 ~ 65%

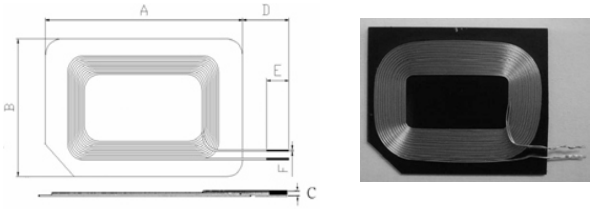
SHAPES AND DIMENSIONS



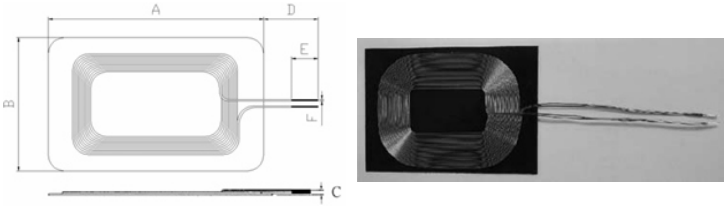
RX39ENEXK 10U



RX3EENDXK 9U8



RX3NENEXK 9U8



RX49ENEXK 10U5

Part Number	A	B	C	D	E	F
RX39ENEXK 10U	38±0.5	31±0.5	0.9 typ.	5.5±0.5	3.0±0.5	0.5 typ
RX3EENDXK 9U8	37±0.5	30±0.5	1.5 typ.	7.5±1.0	3.0±0.5	0.5 typ
RX3NENEXK 9U8	37±0.5	30±0.5	2.3±0.3	7.5±1.0	3.0±0.5	0.5 typ
RX49ENEXK 10U5	48±0.5	32±0.5	0.9 typ.	35 typ.	10.0 typ	0.6 typ