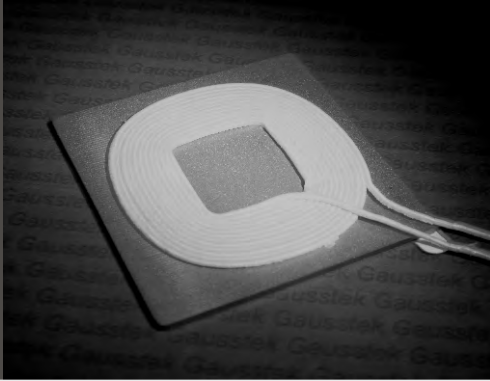


Wireless Charging Transmitting

Series TX 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.

PRODUCT IDENTIFICATION

TX 35 E E A X E 6U6
 a b c d e f g h

a : Type of products
 b : Dimension - 53 : 505035 55 : 505055 A5 : 1005545
 c : Wire Type - E : Enameled wire, S : Silk envelope
 d : Magnet Type - M : Magnet, N : Non-Magnet
 e : Number of turns - 8 : 8 Turns A : 10 Turns K : 20 Turns
 f : Packing - Customer definition
 g : Tolerance - E : $\pm 8\%$
 h : Inductance - 6U6=6.6 μ H 12U5=12.5/11.5 μ H

PELECTRICAL CHARACTERISTICS

Part Number	Inductance (μ H) $\pm 8\%$	Test Frequency (Hz)	RDC(Ω) typ.	Q typ.	Turns	Efficiency %
TX53ENAXE 6U6	6.6	100K/1V	0.037	100	10	>70
TX53SNAXE 6U6	6.6	100K/1V	0.037	100	10	>70
TX55SNKXE 6U3	6.3	100K/1V	0.02	60	10	>70
TX55ENKXE 24U	24	100K/1V	0.056	140	20	>70
TXA5SNCXE 12U5	(1-2,3-4=12.5) & (5-6=11.5)	100K/1V	0.058	120	12	>70

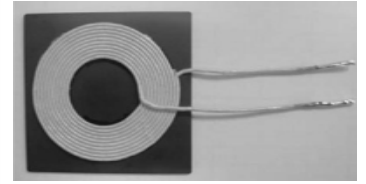
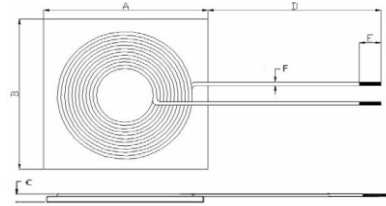
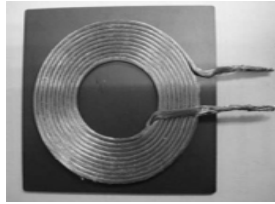
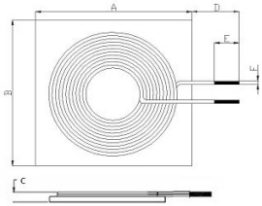
Test Equipment :

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

Operating & Storage Condition :

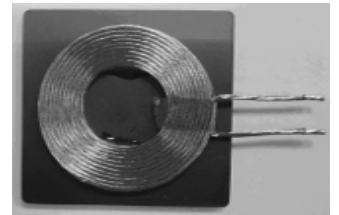
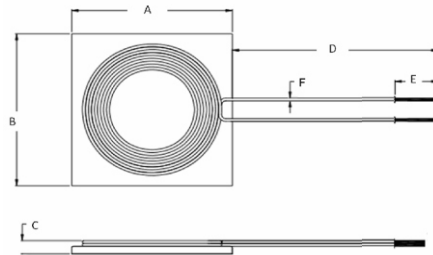
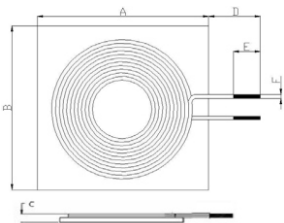
1. Operating Temp. : -25 $^{\circ}$ C ~ +85 $^{\circ}$ C
2. Storage Temp. : -40 $^{\circ}$ C ~ +85 $^{\circ}$ C

SHAPES AND DIMENSIONS



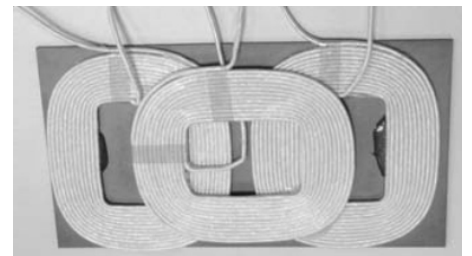
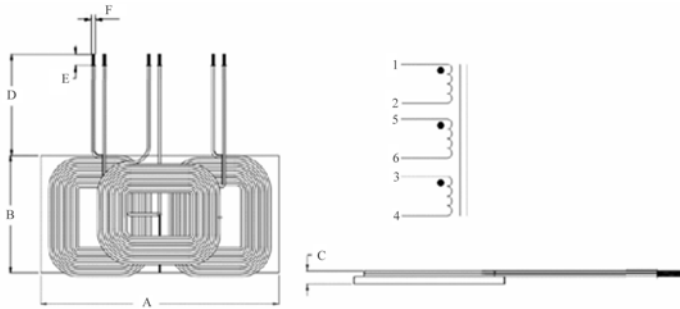
TX53ENAXE 6U6

TX53SNAXE 6U6



TX55SNAXE 6U3

TX55ENKXE 24U



TXA5SNCXE 12U5

Part Number	A	B	C	D	E	F
TX53ENAXE 6U6	50±0.5	50±0.5	3.5 max.	30 typ.	5.0 typ.	1.2 typ.
TX53SNAXE 6U6	50±0.5	50±0.5	3.5 max.	30 typ.	5.0 typ.	1.2 typ.
TX55SNKXE 6U3	50±0.5	50±0.5	5.5 max.	30 typ.	5.0 typ.	2.4 typ.
TX55ENKXE 24U	50±0.5	50±0.5	5.5 max.	30 typ.	5.0 typ.	1.2 typ.
TXA5SNCXE 12U5	100±0.5	55±0.5	4.5 max.	35 typ.	10 typ.	1.2 typ.