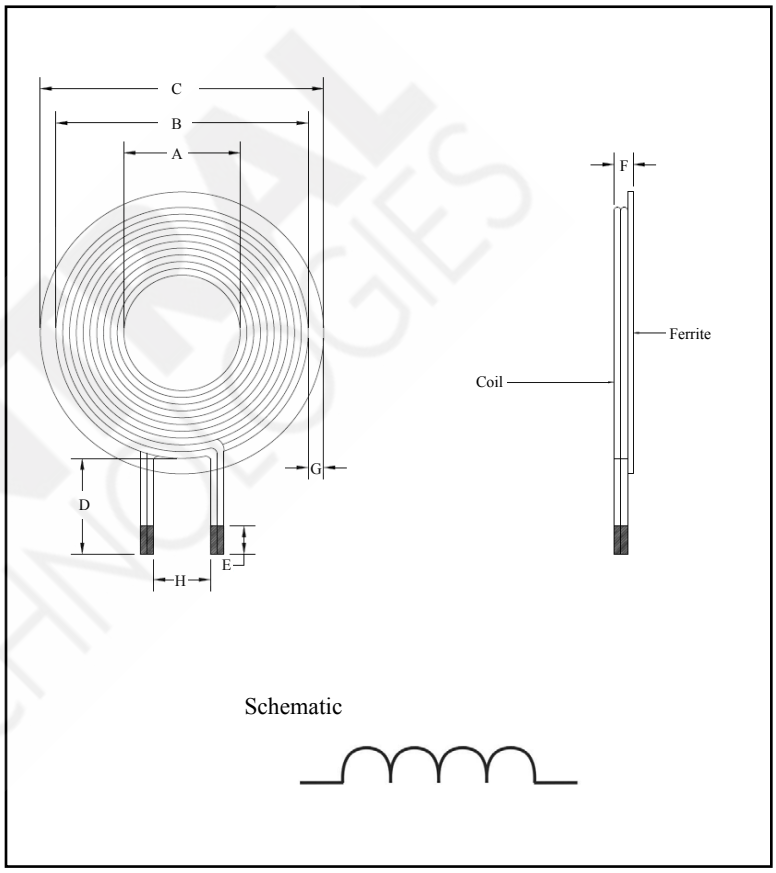
CTTX504335BF

SPECIFICATIONS

Part Number	Inductance (µH ±10%)	Test Freq. (Hz)	DCR Max. (mΩ)	Irms Max. (A)	Qi Design	Winding	Power (W)
CTTX504335BF-6R3K	6.3	100K/1V	25	10.0	A11	Bi-filar	5-15

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H
						Max.	Min.	Typ.
mm	20.5±0.5	43.0±0.5	50.0±0.5	17.0±2.0	5.0±2.0	4.0	2.0	10.0
inches	0.81±0.02	1.69±0.02	1.97±0.02	0.67±0.08	0.20±0.08	0.16	0.08	0.39



CHARACTERISTICS

Description: Wireless power charging transmitter coil
Applications: Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
Operating Temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C (on board)
Irms: Based on temp. rise up to 40°C Max.
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

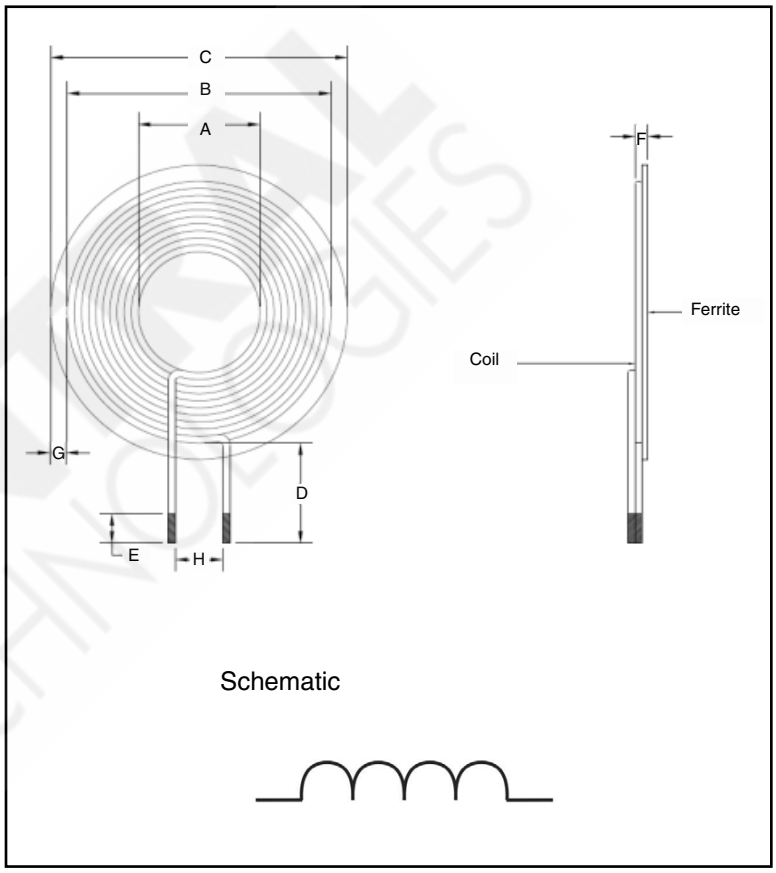
CTTX504424SF

SPECIFICATIONS

Part Number	Inductance (µH ±10%)	Test Freq. (Hz)	DCR Max. (mΩ)	Irms Max. (A)	Qi Design	Winding	Power (W)
CTTX504424SF-6R3K	6.3	100K/1V	45	5.0	A11	Single	5-15

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F Max.	G Min.	H Typ.
mm	20.5±0.5	44.0±1.5	50.0±0.5	17.0±2.0	5.0±2.0	3.0	2.0	10.0
inches	0.81±0.02	1.73±0.06	1.97±0.02	0.67±0.08	0.20±0.08	0.12	0.08	0.39



CHARACTERISTICS

Description: Wireless power charging transmitter coil
Applications: Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
Operating Temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C (on board)
Irms: Based on temp. rise up to 40°C Max.
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

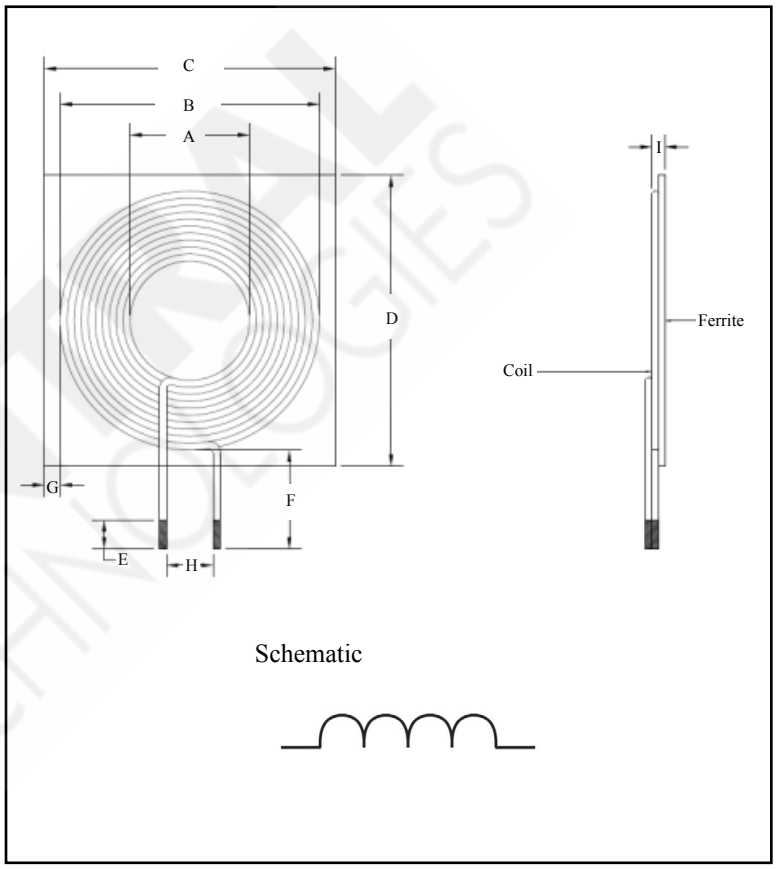
CTTX505024SF

SPECIFICATIONS

Part Number	Inductance (µH ±10%)	Test Freq. (Hz)	DCR Max. (mΩ)	Irms Max. (A)	Qi Design	Winding	Power (W)
CTTX505024SF-6R3K	6.3	100K/1V	45	5.0	A11	Single	5-15

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F	G	H	I
							Min.	Typ.	Max.
mm	20.5±0.5	44.0±1.5	50.0±0.5	50.0±0.5	5.0±2.0	17.0±2.0	2.0	10.0	3.0
inches	0.81±0.02	1.73±0.06	1.97±0.02	1.97±0.02	0.20±0.08	0.67±0.08	0.08	0.39	0.12



CHARACTERISTICS

Description: Wireless power charging transmitter coil
Applications: Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
Operating Temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C (on board)
Irms: Based on temp. rise up to 40°C Max.
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

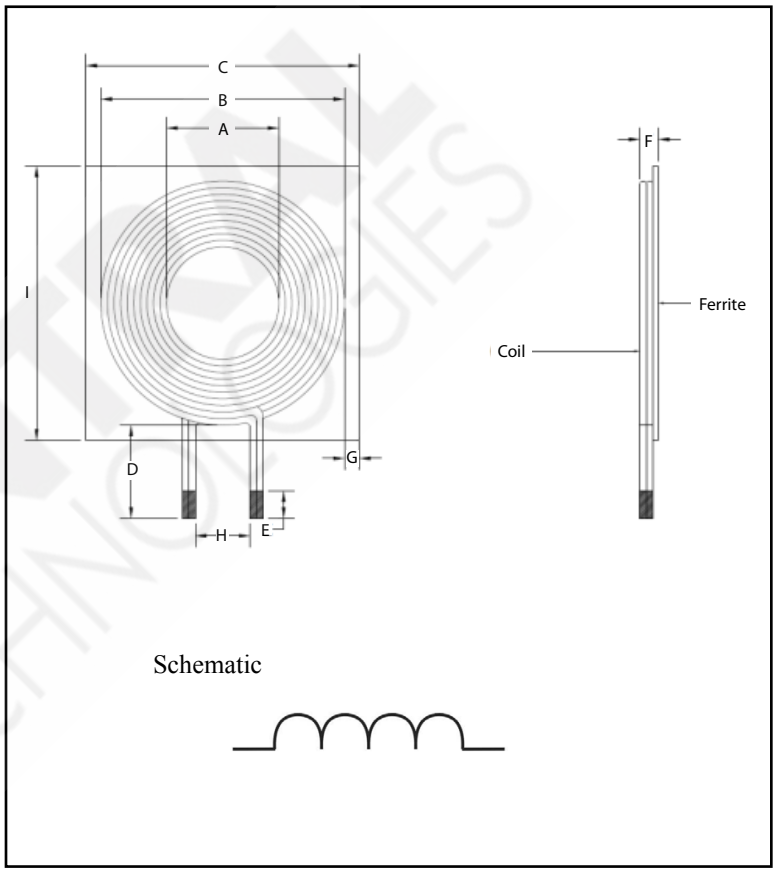
CTTX505035BF

SPECIFICATIONS

Part Number	Inductance (µH ±10%)	Test Freq. (Hz)	DCR Max. (mΩ)	Irms Max. (A)	Qi Design	Winding	Power (W)
CTTX505035BF-6R3K	6.3	100K/1V	25	10.0	A11	Bi-filar	5-15

PHYSICAL DIMENSIONS

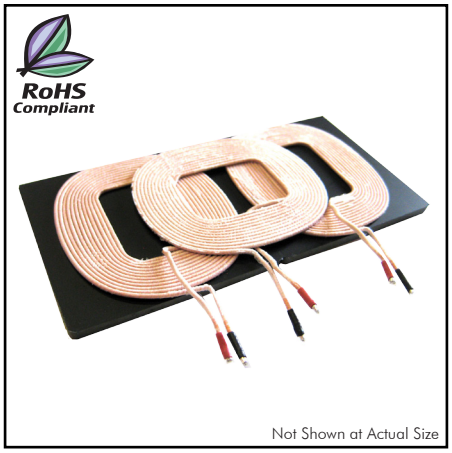
Size	A	B	C	D	E	F	G	H	I
						Max.	Min.	Typ.	
mm	20.5±0.5	44.0±1.5	50.0±0.5	17.0±2.0	5.0±2.0	4.0	2.0	10.0	50.0±0.5
inches	0.81±0.02	1.73±0.06	1.97±0.02	0.67±0.08	0.20±0.08	0.16	0.08	0.39	1.97±0.02



CHARACTERISTICS

Description: Wireless power charging transmitter coil
Applications: Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
Operating Temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C (on board)
Irms: Based on temp. rise up to 40°C Max.
Miscellaneous: RoHS Compliant
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

CTTX1065360SF



SPECIFICATIONS

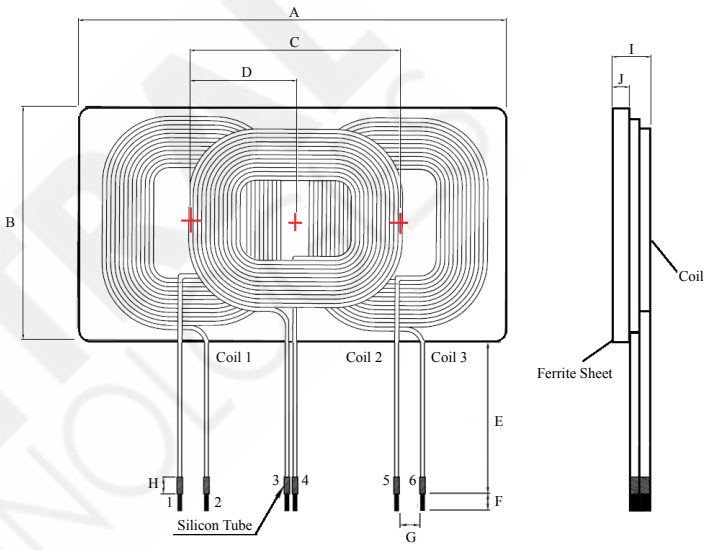
Part Number	Inductance Coil 1 & 3 (µH ±10%)	Test Freq. (Hz)	DCR Typ. (mΩ)	DCR Max. (mΩ)	Irms Max. (A)	Winding	Power (W)
CTTX1065360SF-12R5K	12.5	100K/1V	60	80	6.5	Single	5-10

Part Number	Inductance Coil 2 (µH ±10%)	Test Freq. (Hz)	DCR Typ. (mΩ)	DCR Max. (mΩ)	Irms Max. (A)	Winding	Power (W)
CTTX1065360SF-12R5K	11.5	100K/1V	60	80	6.5	Single	5-10

CHARACTERISTICS

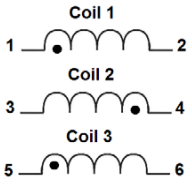
Description: Wireless power charging transmitter coil
Applications: Used in wireless charging systems designed for a wide range of portable consumer electronic products such as mobile phones, tablets, cameras, MP3 players, battery chargers, scanners, gaming industry, etc.
Operating Temperature: -40°C to +85°C
Storage Temperature: -40°C to +85°C (packaging)
Irms: Based on temp. rise up to 40°C Max.
Miscellaneous: RoHS Compliant; Compliant to Qi standard A6 design
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

PHYSICAL DIMENSIONS



Note:
P1, 4 & 5: Red silicon tube
P2, 3 & 6: Black silicon tube

Schematic



SIZE: mm

A	B	C	D	E	F Ref.	G Ref.	H	I Max.	J
106.0±0.5	53.0±0.5	49.2±4.0	24.6±2.0	20.0±2.0	1.0	5.0	5.0±1.0	6.0	2.5±0.5