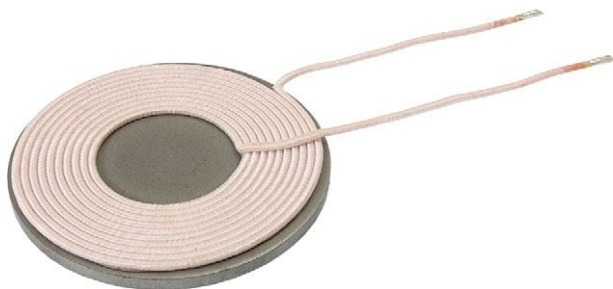


## Wireless Charging Transmitter Coil / Shield



### FEATURES

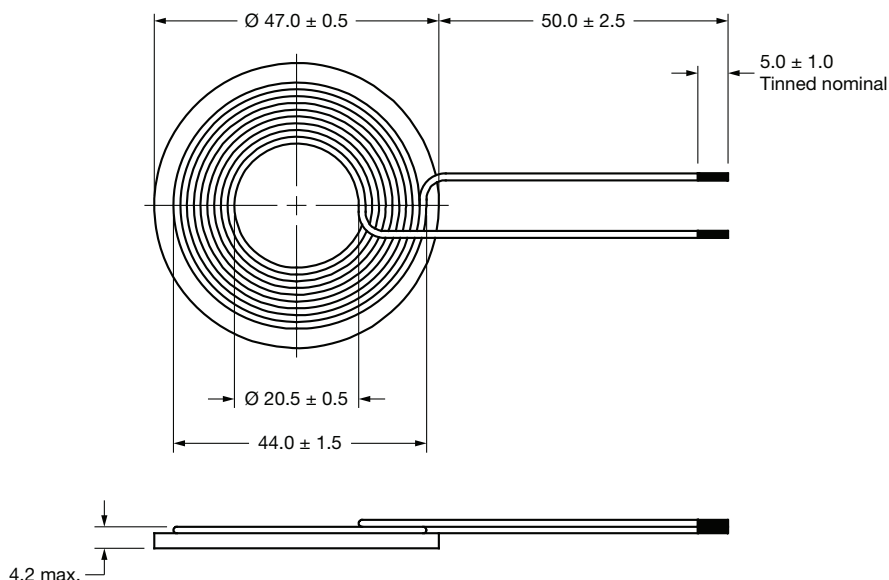
- Operating temperature: -40 °C to +105 °C
- Storage temperature: -40 °C to +105 °C
- $I_{RMS}$  based on temperature rise up to 40 °C max.
- $I_{SAT}$  based on inductance change of 20 % typ.
- Material categorization: for definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)


**RoHS**  
COMPLIANT

### STANDARD ELECTRICAL SPECIFICATIONS With Test Coil

$L_0$ INDUCTANCE ± 5 % AT 200 kHz, 0.25 V, 0 A ( $\mu$ H)	Q AT 200 kHz TYP.	DCR ± 5 % AT 25 °C (m $\Omega$ )	$I_{RMS}$ (A)	$I_{SAT}$ (A)
6.3	190	40	7	22

### DIMENSIONS in millimeters



### DESCRIPTION

<b>IWTX-47R0DA-F1</b>	<b>6.3 <math>\mu</math>H</b>	<b>5 %</b>	<b>EB</b>	<b>e3</b>
MODEL	INDUCTANCE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

### GLOBAL PART NUMBER

I	W	T	X	4	7	R	0	D	A	E	B	6	R	3	J	F	1
MODEL				SHIELD SIZE			SHIELD THICKNESS		LEAD (Pb)-FREE	PACKAGE	INDUCTANCE VALUE			TOL.	MATERIAL	LEAD CONFIG.	



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