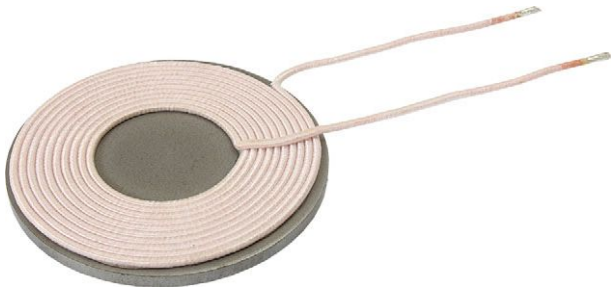
Wireless Charging Transmitter Coil / Shield



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

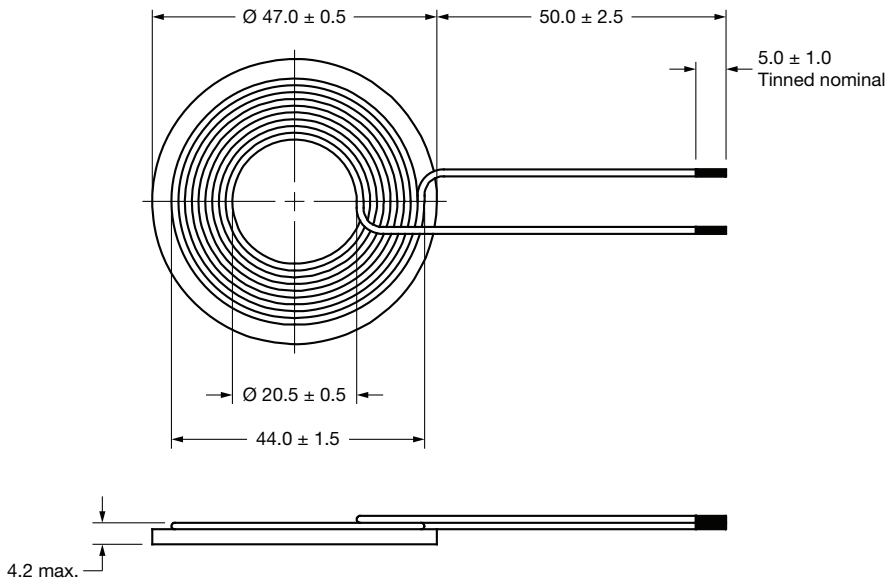
Pb-free

RoHS COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS With Test Coil

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

DIMENSIONS in millimeters



DESCRIPTION

IWTX-47R0DA-F1	6.3 µH	5 %	EB	e3
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.

For technical questions, contact: magnetics@vishay.com

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