# IWTX55R0DZEB8R9KF1

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Vishay Dale

## Wireless Charging Transmitter Coil / Shield



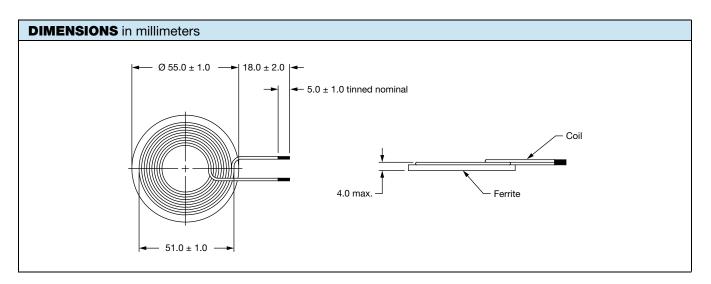
### **FEATURES**

- Operating temperature: -40 °C to +125 °C
- Storage temperature: -40 °C to +125 °C
- I<sub>RMS</sub>: base on temperature rise up to 40 °C maximum
- Power rating: 15 W
- Compliant to Qi standard MP-A4 design
- Material categorization: for definitions of compliance please see <u>www.vishay.com/doc?99912</u>

STANDARD ELECTRICAL SPECIFICATIONS with Test Coil							
L₀ INDUCTANCE +10 % AT 100 kHz, 1 V, 0 A (µH)	Q AT 100 kHz TYP.	DCR AT 25 °C TYP. (mΩ)	DCR AT 25 °C MAX. (mΩ)	HEAT RATING CURRENT DC TYP. (A)			
8.9	98.5	47	55	6.0			

#### Note

· This product is not designed, nor intended for use in automotive applications or life critical medical applications



DESCRIPTION				
IWTX-55R0DZ-F1	8.9 µH	10 %	EB	e3
MODEL	INDUCTANCE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC <sup>®</sup> LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER						
I W T X 5 5 R 0 D Z   MODEL SHIELD SIZE SHIELD THICKNESS	E LEAD (Pb)-FREE	B	8 R 9 INDUCTANCE VALUE	K TOL.	<b>F</b> MATERIAL	1 LEAD CONFIG.

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1 For technical questions, contact: <u>magnetics@vishay.com</u>

Document Number: 34483

COMPLIANT

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