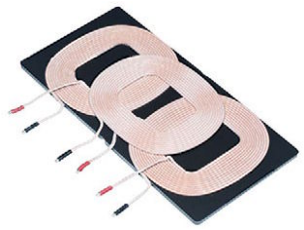
Wireless Charging Transmitter Coil / Shield



FEATURES

- Operating temperature: -40 °C to +85 °C
- Storage temperature: -40 °C to +85 °C
- I_{RMS}: base on temperature rise up to 40 °C maximum
- Power rating: 5 W to 15 W
- Compliant to Qi standard A6 and MP-A13 designs
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912

Pb-free

RoHS COMPLIANT

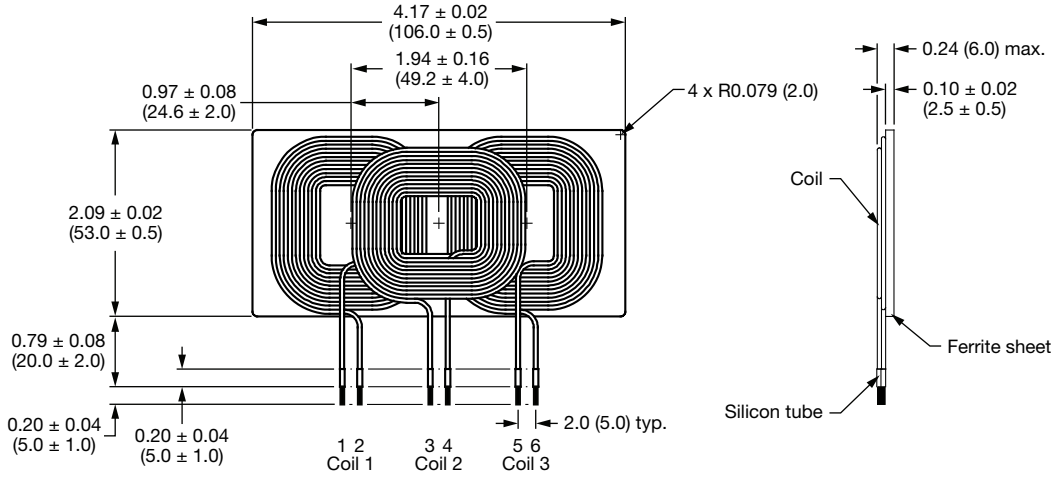
STANDARD ELECTRICAL SPECIFICATIONS With Test Coil

COIL	L_0 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)
1 and 3	12.5	110	60	80	6.5
2	11.5	100	60	80	6.5

Note

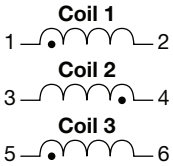
- This product is not designed, nor intended for use in automotive applications or life critical medical applications

DIMENSIONS in inches (millimeters)



Notes

- Pin 1, 4, and 5: red silicon tube
- Pin 2, 3, and 6: black silicon tube



DESCRIPTION

IWTX-A653FZ-F3	12 µH	10 %	EB	e3
MODEL	INDUCTANCE	INDUCTANCE TOLERANCE	PACKAGE CODE	JEDEC® LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER

I	W	T	X	A	6	5	3	F	Z	E	B	1	2	0	K	F	3
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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