IWTXA653FZEB120KF3

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Vishay Dale

Wireless Charging Transmitter Coil / Shield



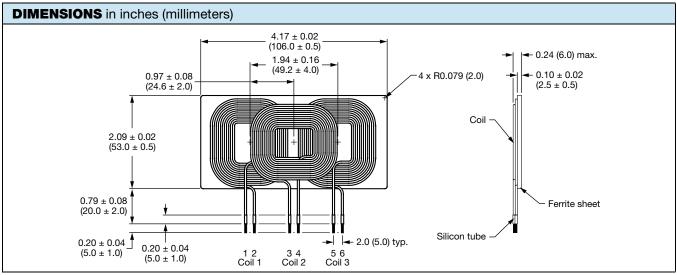
FEATURES

- 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

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



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** F w Х 5 3 F Ζ Е в 1 2 0 κ 3 Т т Α 6 TOL. MODEL SHIELD SIZE SHIELD LEAD PACKAGE INDUCTANCE MATERIAL LEAD (Pb)-FREE THICKNESS VALUE CONFIG. Revision: 08-Nov-2021 Document Number: 34489 1



RoHS COMPLIANT

For technical questions, contact: magnetics@vishay.com

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Revision: 01-Jan-2025

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