



# DID YOU KNOW?

## CUSTOM WIRELESS CHARGING COILS

Vishay offers a variety of transmitter (Tx) and receiver (Rx) coils that are Qi-compliant in industry-standard sizes. Vishay also offers custom products to work with other wireless charging standards. The Tx coils offer power ratings from 5 W to 15 W, while the Rx coils feature power ratings from 3.5 W to 10 W. Vishay can also offer products for higher or lower power applications.

Part Number	Type	Power Rating (W)	Inductance (μH)	Typ. Q	Typ. DCR (mΩ)	Max. DCR (mΩ)	Typ. Heat Rating Current (A)
			at 100 kHz		at 25 °C		
IWTX50R0CZEB6R3KF1	A11 Tx	5 to 15	6.3	120	36	45	5
IWTX50R0DZEB6R3KF1	A11 Tx	5 to 15	6.3	90	18	25	10
IWTX55R0DZEB8R9KF1	MP-A4 Tx	15	8.9	98.5	47	55	6
IWTX5050CZEB6R3KF1	A11 Tx	5 to 15	6.3	120	36	45	5
IWTX5050DZEB6R3KF1	A11 Tx	5 to 15	6.3	90	18	25	10
IWTX5555DEEB100KF1	MP-A2 Tx	15	10	99	55	80	6
IWTX9955DEEB110KF3 <sup>(1)</sup>	MP-A6 Tx	15	11.3	85	76	90	6.5
IWTXA653FZEB120KF3 <sup>(1)</sup>	A6 Tx	5 to 10	11.5 / 12.5	123	60	80	6.5
IWTXA148DGEB9R8KF3 <sup>(1)</sup>	MP-A9	15	9.8 / 10.2	100	60	80	7
IWTX5050DEEB100KF1	Tx	5 to 15	10	200	27	29.7	9
IWTX5050FEEB100KF1	Tx	5 to 15	10	200	27	29.7	9
IWAS3010AZEB130KF1	Rx	3.5	12.9	11	700	780	0.8
IWAS4832AEEB120KF1	Rx	5	12	33	145	200	3
IWAS4532AGEB140KF1	Rx	5	14	24	290	355	1.2

Note

<sup>(1)</sup> Three coils

If these standard parts and product performance do not meet your requirements, customized solutions are available.

Typical custom features include:

- Customized coils and inductance values
- Larger / smaller / thicker / thinner / flexible shield sizes
- Customized shields with features to accommodate assembly and other needs
- Customized lead lengths and tinned length
- Additional features like adding connectors and flexible leads