

Wireless Power Charging RX-3D-000

WIRELESS POWER

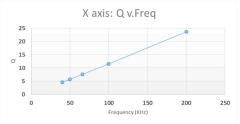
3D WIRELESS POWER RECEIVING COILS

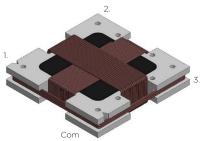
Using the RX-3D receive coils will improve wireless charging in your devices and accessories by capturing more of the available field from a wireless power transmitter. These coils improve overall power capture in a small footprint.

Available as bare or packaged components or as part of a development and evaluation board. Packaged components can have integrated half-wave or full-wave rectifier circuits, and can be shipped with or without on-board storage.

PROPERTIES	TEST CONDITIONS		VALUE			UNIT	TOL.
			Coil X	Coil Y	Coil z	ONIT	TOL.
Inductance	128 kHz	L	62	62	60	uН	+-10%
Q-factor	128 kHz	Q	14.0	14.0	5.6		Тур.
Rated Current	AWG standard	IR	17.5	17.5	13.7	mA	Max.
DC Resistance	@ 20°C	RDC	3.6	3.6	8.8	ohm	Тур.
Self resonant frequency		fres	5.5	5.5	5.1	MHz	+-10%

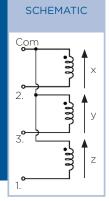
PART NUMBER	PROPERTY	DESCRIPTION	UNITS		
RX-3D-000	Bare part, wire leads				
	Dimensions	0.459 x 0.459 x 0.122	inches		
	(LxWxH)	11.66 x 11.66 x 3.10	mm		
	Mass	0.0353	ounces		
	Mass	1	gram		

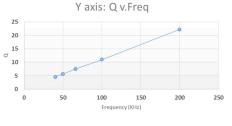




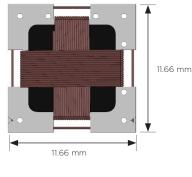
FEATURES:

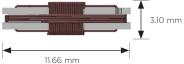
- Small & Lightweight
- Ease of alignment
- Available rectifying
- Available on-board energy storage
- Available in many other configurations, see Configuration
 Table for details.











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