



Wireless Charging

Rx (Receiving) Coil Units

WR303050-15F5-G

WR444025-17M6-G

WR444030-16F3-G

WR483245-15F5-G

WR483265-15F5-G

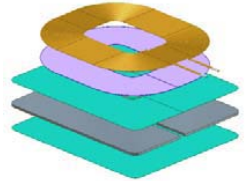
Wireless Charging

Halogen-free

Overview of Rx Coil Units

FEATURES

- Receiving coils for wireless charging.
- Pre cracked ferrite is available for durable construction.
- Variety of thickness : from 0.50mm to 1.12mm.
- Flexible sheet type is available.
- Custom design is available based on each design requirements.



APPLICATION

Smartphones, cellular phones, handheld mobile terminals, and DSCs

PART NUMBER CONSTRUCTION

W		R		4832		65		-	15		F5		-	G	
Wireless charging		Category		LxW Dimensions (mm)		Sheet thickness (mm)			Coil turns		Material			Internal code	
		R	Rx	3030	30.0×30.0	25	0.25				F5				
				4440	44.0×40.0	30	0.30				F3				
				4832	48.0×32.0	45	0.45				M6				
						50	0.50								
						65	0.65								

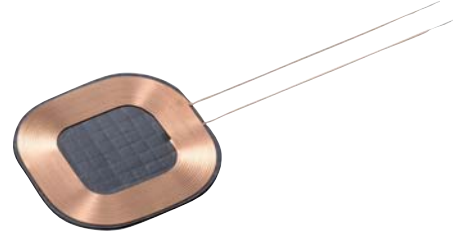
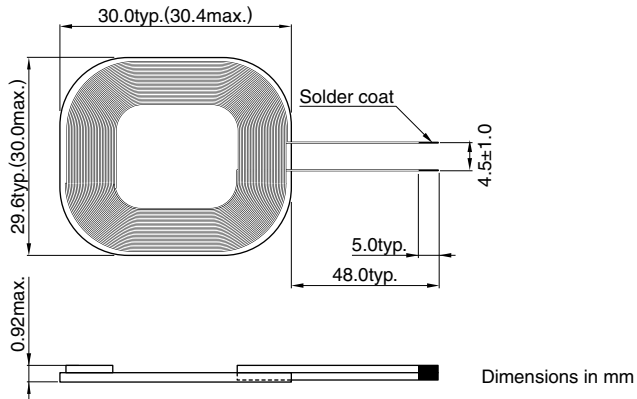
○ Halogen-free: Indicates that Cl content is less than 900ppm, Br content is less than 900ppm, and that the total Cl and Br content is less than 1500ppm.

• All specifications are subject to change without notice.

Rx Coil Units

WR303050-15F5-G

■ SHAPE & DIMENSIONS



■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLE

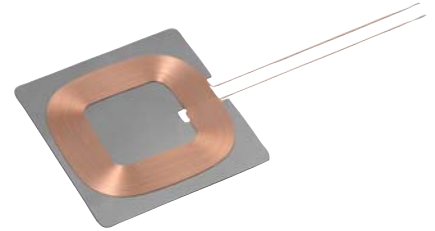
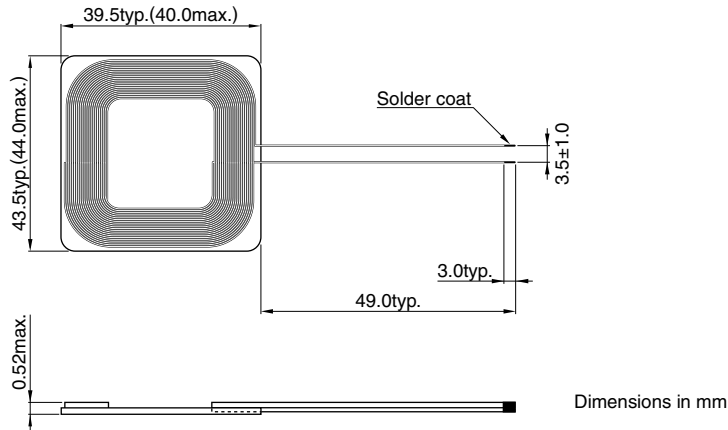
LxW Dimensions (mm)	Thickness (mm)max.	Efficiency* (%)ref.	Inductance (μH) [100kHz, 1Vrms]	DC resistance (Ω)max. [25°C]	Part No.
30.0x30.0	1.00	66	12.3	0.41	WR303050-15F5-G

* Contact us for more information.

Rx Coil Units

WR444025-17M6-G

■ SHAPE & DIMENSIONS



■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLE

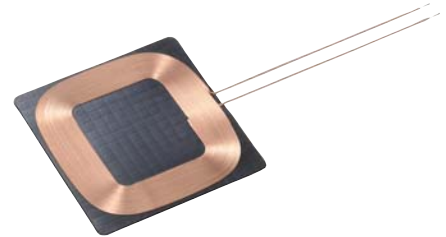
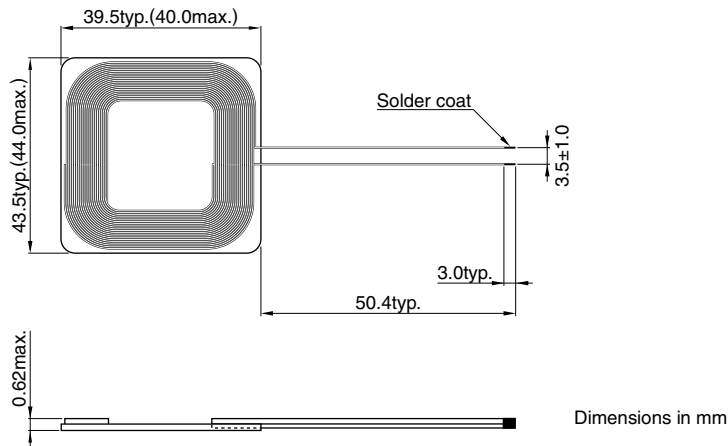
LxW Dimensions (mm)	Thickness (mm)max.	Efficiency* (%)ref.	Inductance (μH) [100kHz, 1Vrms]	DC resistance (Ω)max. [25°C]	Part No.
43.5x39.5	0.52	68	16.7	0.65	WR444025-17M6-G

* Contact us for more information.

Rx Coil Units

WR444030-16F3-G

■ SHAPE & DIMENSIONS



■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLE

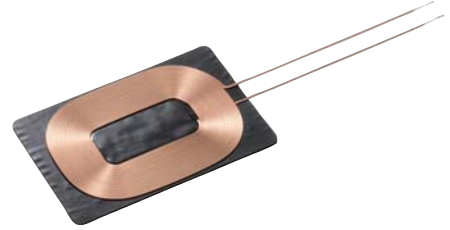
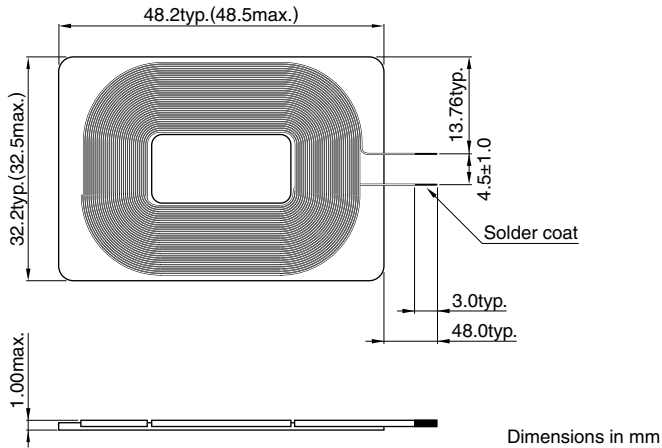
LxW Dimensions (mm)	Thickness (mm)max.	Efficiency* (%)ref.	Inductance (μH) [100kHz, 1Vrms]	DC resistance (Ω)max. [25°C]	Part No.
43.5x39.5	0.62	70	19.0	0.70	WR444030-16F3-G

* Contact us for more information.

Rx Coil Units

WR483245-15F5-G

■ SHAPE & DIMENSIONS



■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLE

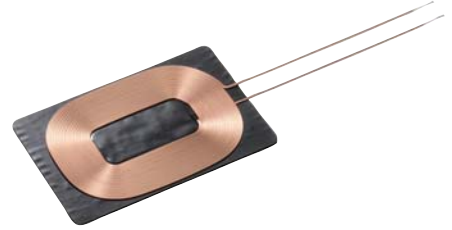
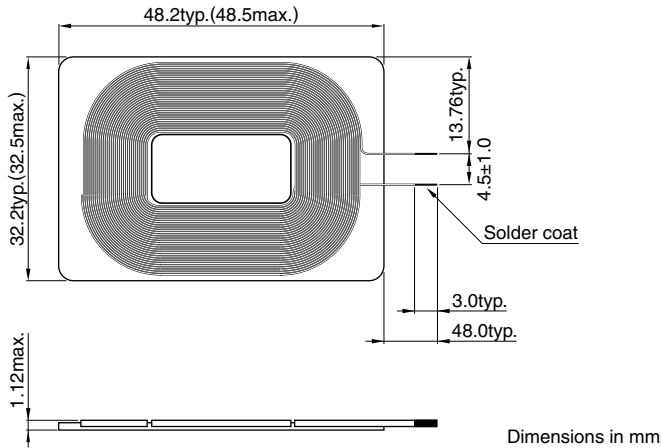
LxW Dimensions (mm)	Thickness (mm)max.	Efficiency* (%)ref.	Inductance (μH) [100kHz, 1Vrms]	DC resistance (Ω)max. [25°C]	Part No.
48.0x32.0	1.00	72	13.0	0.20	WR483245-15F5-G

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Rx Coil Units

WR483265-15F5-G

■ SHAPE & DIMENSIONS



■ ELECTRICAL CHARACTERISTICS

□ CHARACTERISTICS SPECIFICATION TABLE

LxW Dimensions (mm)	Thickness (mm)max.	Efficiency* (%)ref.	Inductance (μH) [100kHz, 1Vrms]	DC resistance (Ω)max. [25°C]	Part No.
48.0x32.0	1.25	73	13.3	0.20	WR483265-15F5-G

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