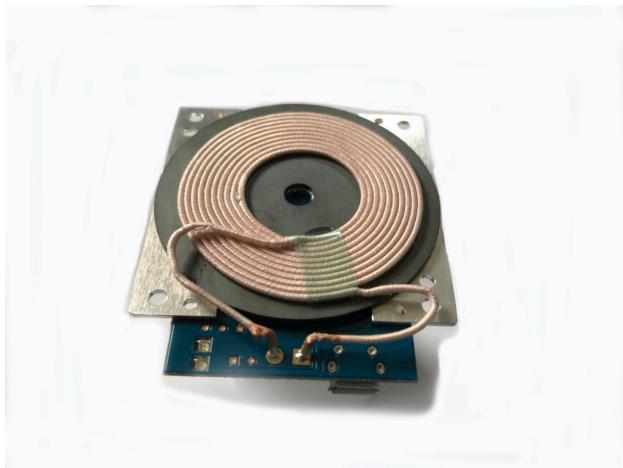


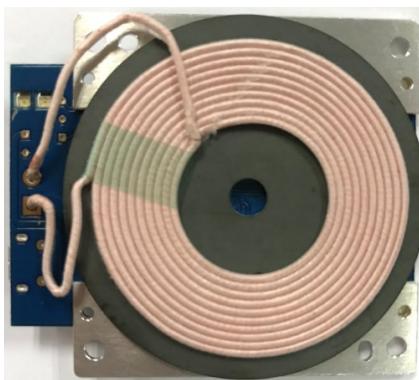
5W Wireless Charger Transmitter

Pulse Part Number WM5V



Features

- Plug-and-play electronics module design for fast end-product design and implementation.
- Qi compliant system, insuring seamless integration and high performance.
- Intended for use in consumer-electronics transmitter applications and with Qi-certified receivers
- Offers 5W charging with thermal relief in a small, flexible package
- Foreign Object Detection compliant with WPC Receivers (1.0, 1.1, and 1.2)



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Electrical specifications

Parameters	Typical	Min	Max	Unit
Vin	5.0	4.5	5.5	V
Iin (at Pout = 0W)	0.1	0.09	0.11	A
Iin (at Pout = 5W)	1.55	1.45	1.65	A
Peak Efficiency (RX: IDTP9025)	74	72		%

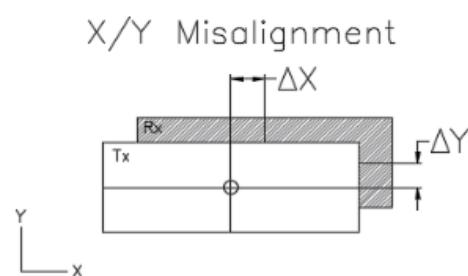
Spatial Operating Specifications

Parameters	Typical	Min	Max	Unit
Operating separation Z distance(1)	3	2	9	mm
X/Y misalignment tolerance(2)	0	-10	10	mm
Ambient temperature	25	-20	60	°C
Storage temperature	25	-40	85	°C

- The operating Z distance is defined as the follow:



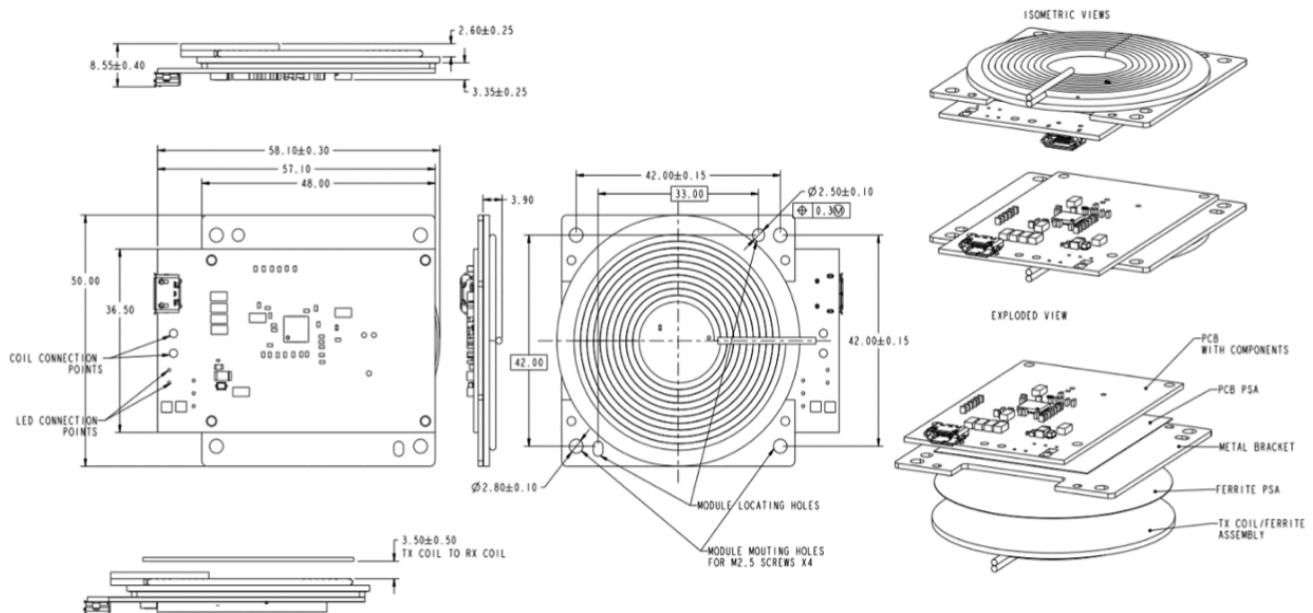
- The X/Y misalignment is defined as the follow:



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Mechanical dimensions



- All dimensions in mm

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5W Wireless Charger Transmitter

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Packing

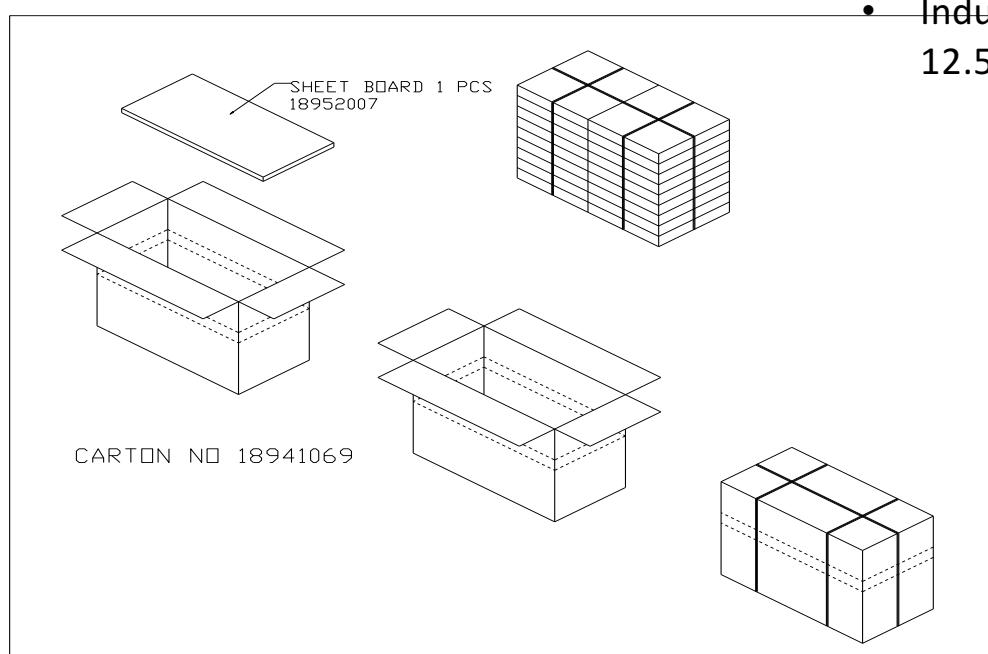
- Put 1pc product in the poly bag, then add the info label.
- Align the finished goods into the tray.
- Cardboard sheet under and on the top of the tray stack in the tray stack. Every second tray must be rotated 180 degrees, binding of the stack-1 strap lengthwise and 2 strap crosswise.
- Add foam paper between two trays.
- First put down 1pc sheet board in box, then put binding tray in box, empty 1 pc on the top of the box.
- Binding of the carton: sealed with tape, 1 strap length wise and 2 strap crosswise.



Label content:

P/N:
Project Name:
Inductance:

- P/N, e.g. SWA1380
- Project Name, e.g. A6
- Wireless Charge Coil
- Inductance, e.g. 12.5uH



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