

**1. Part No. Expression:**

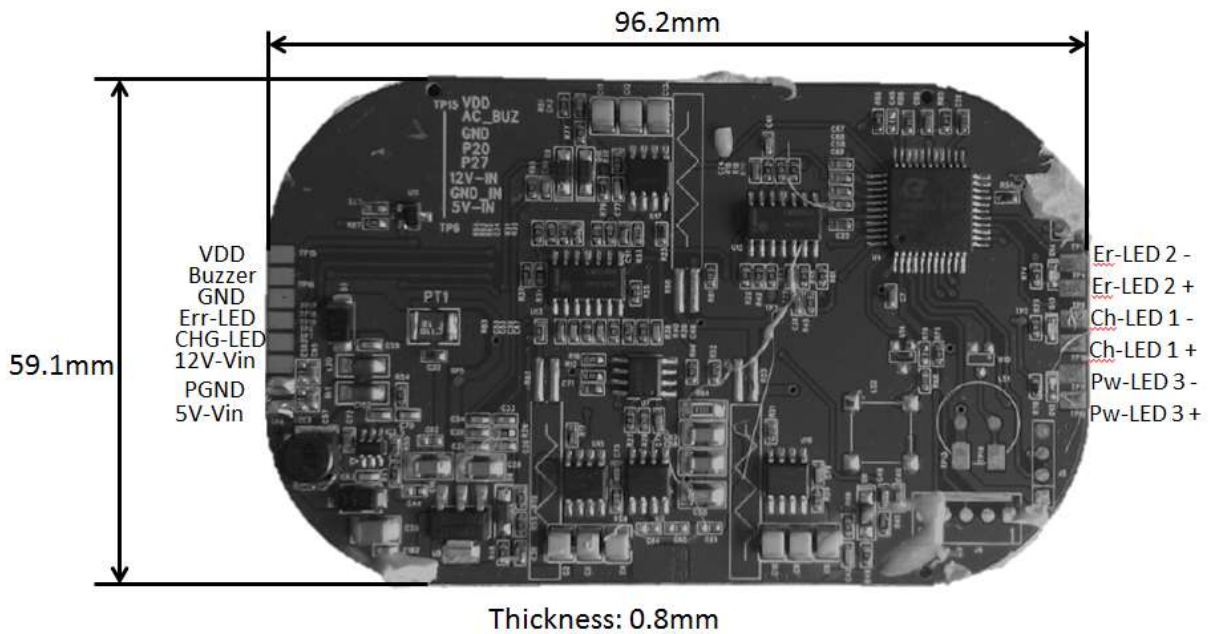
**W M T S 9 6 5 9 0 8 5 V 2 A**

(a) (b)(c) (d) (e) (f)

- |                |                      |
|----------------|----------------------|
| a) Series Code | d) Dimension Code    |
| b) Model Code  | e) Power Rating Code |
| c) Shape Code  | f) Standard Code     |

**2. Configuration & Dimensions: (Unit:- mm)**

- PCBA 96.2 mm x 59.1 mm x 3.7 mm



- Coil 94 mm x 52.5 mm x 3.3 mm

**3. General Specification:**

- Operating Temp. : 0°C to +40°C
- Storage Temp. : -20°C to +70°C
- Effective charging area: centre of coil aligned to centre of charging pad
  - X-direction tolerance: ±35mm
  - Y-direction tolerance: ±15mm
- Compatible to Qi 1.1 requirements.

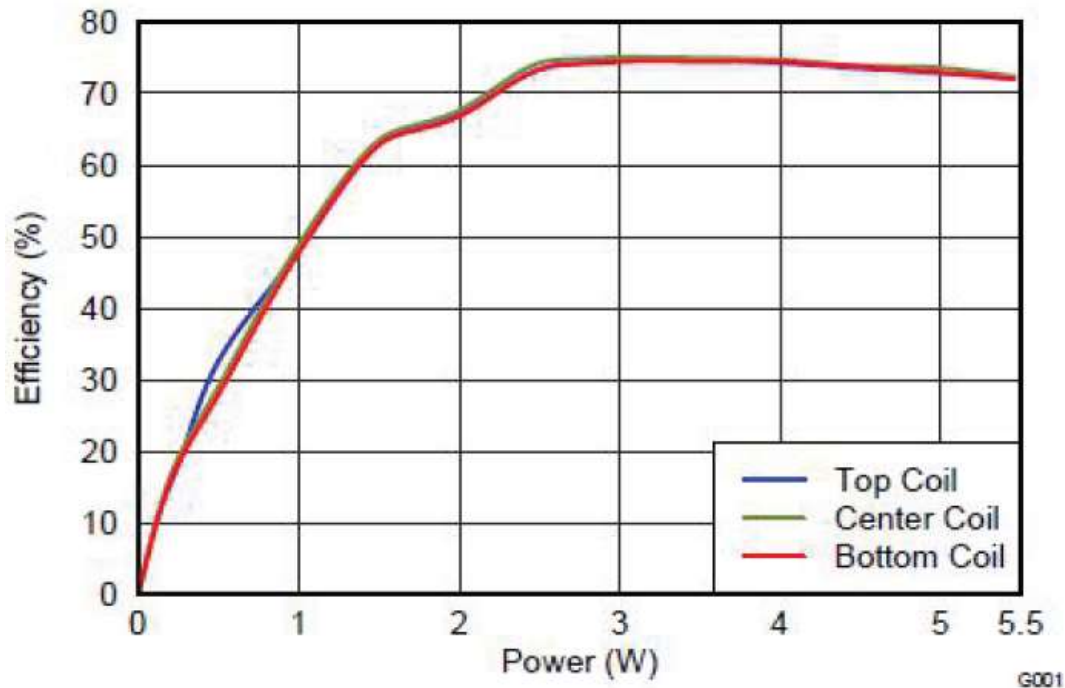
NOTE: Specifications subject to change without notice. Please check our website for latest information.

4. Electrical Specifications:

Description	Remarks	Min.	Typ.	Max.	Unit
Input Voltage		11.5	12	12.5	V
Input Current	Max load test with 5W SWS RX module		0.6	0.8	A
Input No Load Current	Load current at 0A with SWS RX module		75	90	mA
Standby Power			0.3		W
Output Load	Test with Rx 5V/1A (CC mode)	4.75	4.88	4.95	V
System Frequency	Test with 5W Rx		70	72	%
System Frequency		110		205	kHz
LED OP Voltage		0		3.3	V
LED OP Current		0		15	mA

\*SWS – Superworld Electronics (S) Pte Ltd

5. Efficiency Plot



Note: Efficiency tested with 5W SWS Rx Module.

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**6. Device Functional Operation:**

## - Status Indication

Transmitter Status	Buzzer Indication	LED
Power Up	Null	OFF
Stand by	Null	OFF
Qi Receiver unit detect	Buzzer beep at once	ON
Charging	Null	Blue LED ON
End of Charging	Null	Blue LED ON
Error (Notes 1)	Null	Red LED ON

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