

## 1. Part No. Expression:

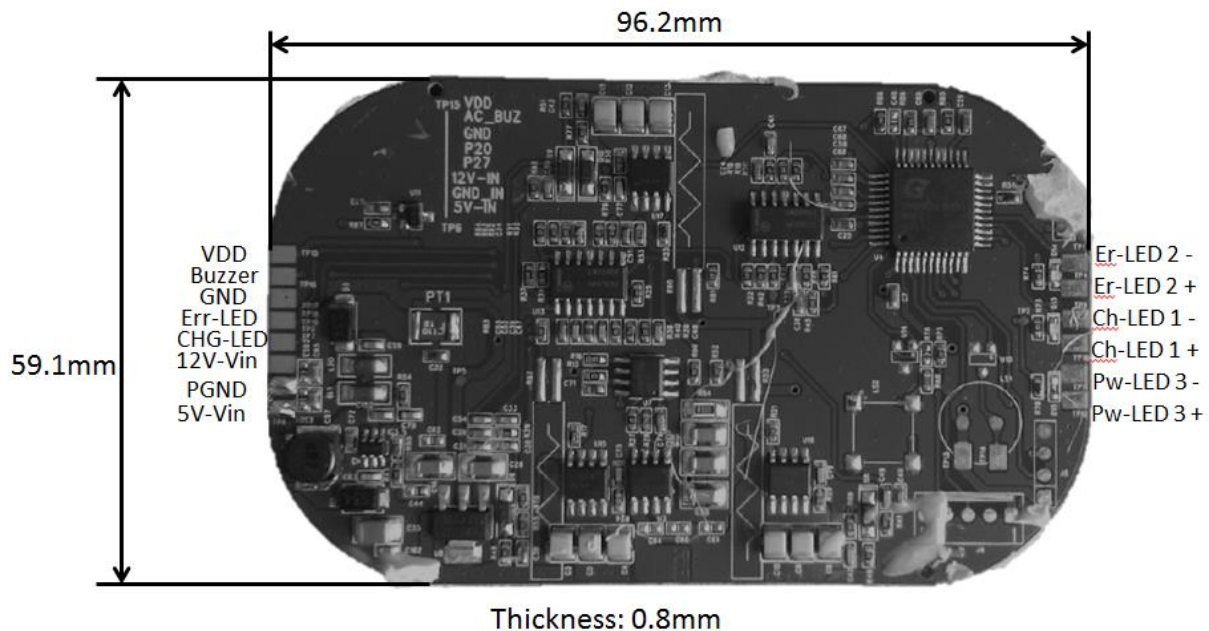
**WMTS9659085V2A**

(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:  $\pm 35\text{mm}$
  - Y-direction tolerance:  $\pm 15\text{mm}$
- Compatible to Qi 1.1 requirements.

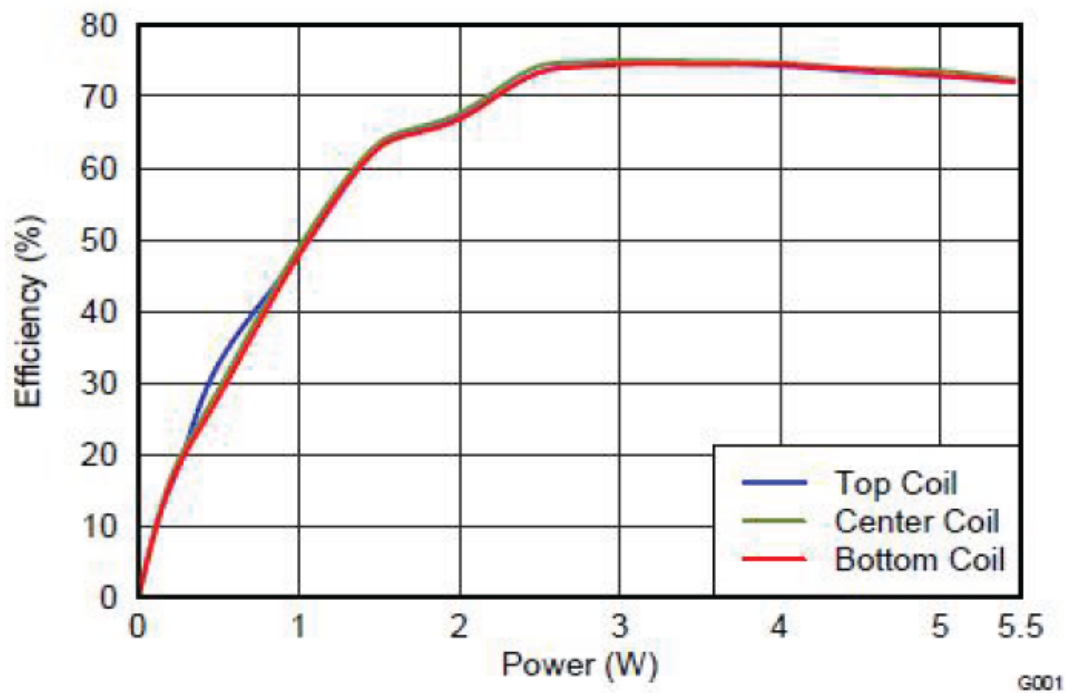
NOTE: Specifications subject to change without notice. Please check our website for latest information.

## 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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