



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Receiving Coil Module For Wireless Charging

TDK Parts number : TMx-66-2M7(5V) , TMx-58-2M7(7V)

Halogen- Free

Features:

- This is Rx turnkey solution including Receiving Coil with Attractor and module for Wireless Charging
- Pre Cracked Ferrite is available for Durable construction
- Flexible sheet type is available
- Very thinner total module product. Max thickness is 1.0mm
- Custom design is available based on each design requirements

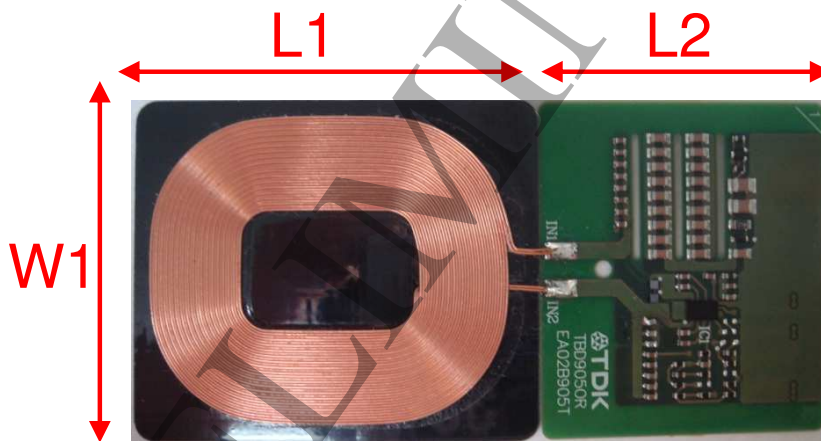
Typical Electrical Values in Rx coil unit (For Information only)

| Inductance (uH) @100kHz, 1Vrms | Rdc (mOhms) at 25°C | Q @100kHz, 1Vrms |
|--|---|----------------------------|
| 10 - 30 uH (Typical 11uH *5V) (Typical 25uH *7V) | 0.18-0.5 Ohms (Depend on type of wire) | 24 (Rdc:0.30-0.50Ohms) |

Typical Electrical Values in Rx module (For Information only)

| IC Information | Output Voltage Output Current | Efficiency [%] |
|---|---|----------------|
| BQ51013 BQ51010 (TI wireless charging IC) | 4.95 - 5.05 [V] (BQ51013) 6.70 - 7.10 [V] (BQ51010) 0.5 - 0.7 [A] (TBD) | 70% Ref. |

Dimension in mm



Eff. Is just Ref. Value

| TDK Parts number | W, L1, L2 dimension [mm] | Thickness [mm] * | Efficiency [%] |
|------------------|--------------------------------|--|----------------|
| TMx-66-2M7(5V) | W1: 32mm L1:38mm L2:28mm | Max 1.00mm (Coil) Max 0.94mm (Module) | 70% Ref. |
| TMx-58-2M7(7V) | W1: 32mm L1:38mm L2:20mm | Max 1.00mm (Coil) Max 0.94mm (Module) | 70% Ref. |

* Contact us for more informatin

Contact Windows For More Information

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