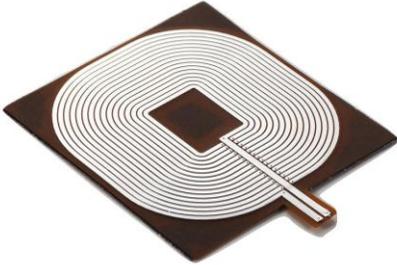


Wireless Charging Receiver Module For 15 Watts Medium Power FPCB Version



FEATURES



- Compatible with WPC Qi Standard
- Operating temperature -40°C to +85°C
- Assembled with FPCB and high flux density metal alloy sheet
- Optimized for mid power (15W) fast wireless charging application on receiver side

APPLICATIONS

- Smart phone and tablet fast wireless charging
- Wireless charger for general consumer electronics or any other devices that need contactless power

ELECTRICAL SPECIFICATIONS

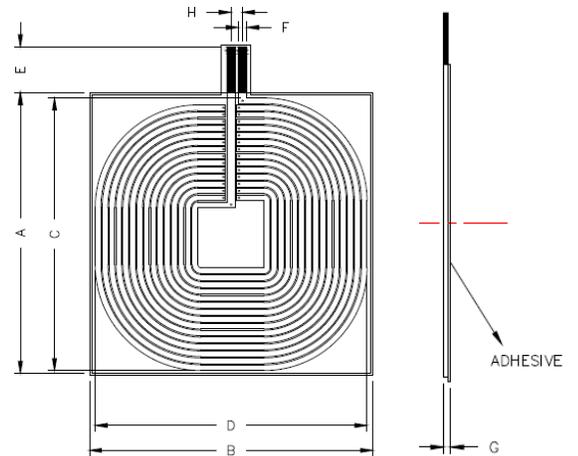
PART NUMBER	INDUCTANCE ($\mu\text{H} \pm 10\%$)			DCR Max ($\text{m}\Omega$)	RATED CURRENT (A)
	MIN	NOM	MAX		
SWC4747KA100-600	9.00	10.00	11.00	160	2

1. Inductance tested at 100KHz, 0.5V
2. Operating temperature range: -40°C ~ +85°C (Including self-heating)
3. Rated current is DC current that causes the temperature rise ($\Delta T \leq 10^\circ\text{C}$) from 20°C ambient.

SHAPES AND DIMENSIONS

Unit:mm

A	B	C
47.00 \pm 0.50	47.00 \pm 0.50	46.00 \pm 0.50
D	E	F
46.00 \pm 0.50	8.00 \pm 1.00	1.40 \pm 0.30
G	H	
0.65 Max.	1.90 \pm 0.50	



PART NUMBER SYSTEM EXAMPLE

<u>SWC</u>	<u>4747</u>	<u>KA</u>	<u>100</u>	-	<u>600</u>
Coil Type	Part Size Code	Height Code	Inductance Code		Catalog or Custom Information

USA: +1.423.308.1690
Europe: +42.0.4885.7511.1
Asia: +86.757.2563.8860

MCP-DS-WPC 15Watt FPCB 0216

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