

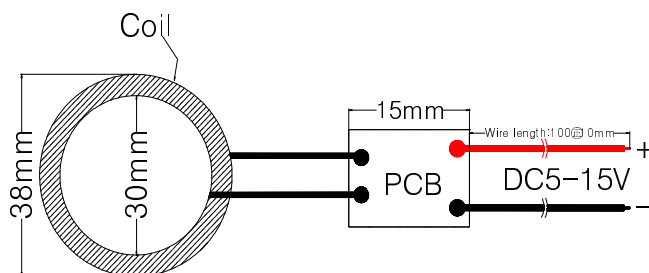
■Introduction

OSWPTS1208D using CMOS process, it has the characteristics of higher accuracy and good stability IC for wireless induction intelligent charging, the power Management System. the use of Electromagnetic energy. Transformation principle and cooperate with Receiving part of energy conversion for the rapid charging of the LED.

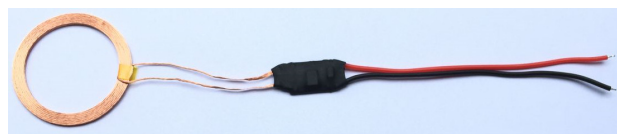
■Features

- Efficient electromagnetic energy conversion.
- DC working voltage: DC5~15V
- Working frequency: 60KHZ
- High speed transmission power to drive wireless LED.

■Outline Dimension



■Photo



■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
Maximum working voltage	V _F	15	V
The output drive current	I _F	800	mA
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40~ +100	°C

■Typical working(Ta=25°C)

Items	Parameter	Symbol	Min.	Typ.	Max.	Units
Working voltage		VDD	5	12		V
Output current	VDD=12V	AOUT	-	500	-	mA
No-load current	VDD=12V	IA		120		mA
Induction distance		M	-	5	-	mm

LED & Application Technologies

