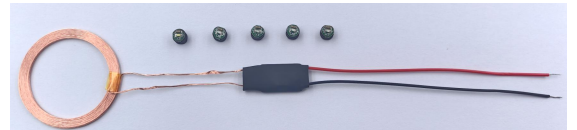


■Description

- LED Kit contains wireless LEDs and power transfer supplier
- 26pcs are supplied in a storage box for easy to use
- Light up LED without wires and batteries
- Extremely small, can be installed even in very tight areas
- Widely applied to DIY projects, plastic models and figures etc.
- Red/Yellow/Pure Green/Blue/White

■Product Picture

26pcs/Box (Dimensions: 90*65*30mm)



■Kit Contents

Contents	Pcs	P/N	Spec
0603 Wireless LED, White	5	OSWM43-W5W	Page 1
0603 Wireless LED, Blue	5	OSWM43-B5W	
0603 Wireless LED, Green	5	OSWM43-G5W	
0603 Wireless LED, Yellow	5	OSWM43-Y5W	
0603 Wireless LED, Red	5	OSWM43-R5W	
Power Transfer Supplier	1	OSWPTS1208D	Page 2

Specification of Wireless LED

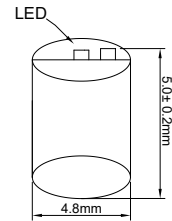
■Features

- High luminous Intensity
- Built-in 0603 chip LED
- Small size Ø4.8mm x H5.0mm
- No batteries and wires needed

■Photo



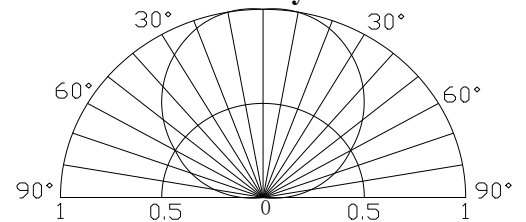
■Outline Dimension



■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
Power Dissipation	P _D	102	mW
Operating Temperature	T _{opr}	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C

■Directivity



■Electrical -Optical Characteristics (Ta=25°C)

Wireless LED Part Number	Emitting Color		I _v (mcd)			λD(nm)			2θ1/2(deg)
			Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
OSWM43-W5W	White	W5	-	550	-	-	CCT:10000K	-	120
OSWM43-B5W	Blue	B5	■	100	-	-	470	-	120
OSWM43-G5W	True Green	G5	■	600	-	-	525	-	120
OSWM43-Y5W	Yellow	Y5	■	120	-	-	590	-	120
OSWM43-R5W	Red	R5	■	120	-	-	625	-	120

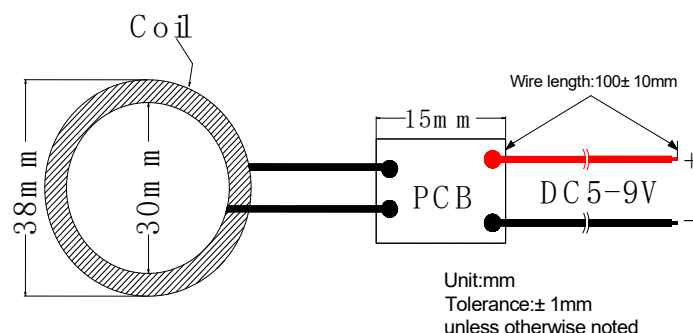
■Introduction

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.

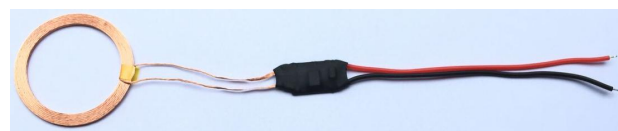
■Features

- Efficient electromagnetic energy conversion.
- DC working voltage: DC5~9V
- 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	9	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	-	9	V
Output current	VDD=9V	AOUT	-	500	-	mA
No-load current	VDD=9V	I		120		mA
Induction distance	VDD=9V	M	-	10	-	mm