

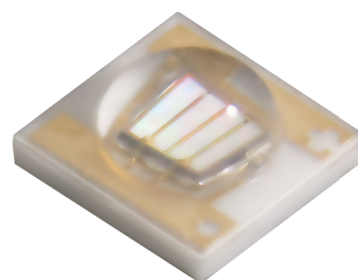
# UV LED With Ceramic Substrat

## KTDS-3534 Series

# Kingbright

### APPLICATIONS

Photocatalytic Purification  
 Blood and Counterfeit money detection  
 UV curing in nail salon, dental, and poster printing applications  
 UV Sensor Light



### FEATURES

High power UV-A LED  
 Dimensions: 3.45 mm x 3.45 mm x 2.0 mm  
 Small package with high efficiency  
 Surface mount technology  
 Package: 1000pcs/reel  
 Soldering methods: IR reflow soldering  
 Moisture sensitivity level: 1  
 RoHS compliant

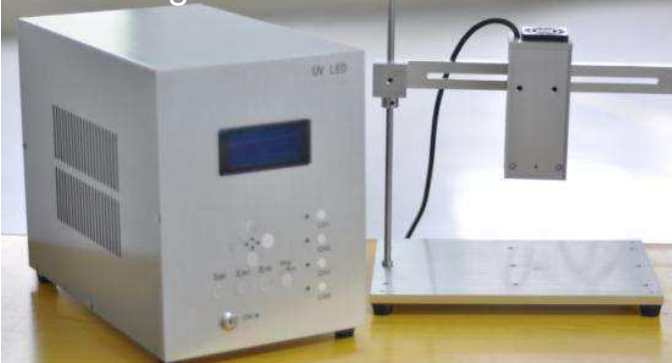
### PACKAGE MATERIALS

Material as follows:  
 Package: Ceramics  
 Encapsulating resin: Silicone resin  
 Electrodes: Au plating

### ATTENTION

Observe precautions for handling electrostatic discharge sensitive devices

UV curing machine



UV nail polish dryer



UV counterfeit bill detector



Part Number	Material	$\lambda_p$ (nm)	Lens Type	$\Phi_e$ (mW)		Viewing
				@ 350mA*500mA	@ 350mA*700mA	Angle
				Typ.	Typ.	2 $\theta$ 1/2
KTDS-3534UV365Z4S1-10	AlGaInP / AlGaAs	365	Water Clear	430	*620	120°
KTDS-3534UV375Z4S1-10	AlGaInP / AlGaAs	375	Water Clear	430	*620	120°
KTDS-3534UV385Z4S1-10	AlGaInP / AlGaAs	385	Water Clear	560	*800	120°
Part Number	Material	$\lambda_p$ (nm)	Lens Type	$\Phi_e$ (mW)		Viewing
				@ 350mA*700mA	@ 350mA*700mA	Angle
				Typ.	Typ.	2 $\theta$ 1/2
KTDS-3534UV395Z4S1-10	AlGaInP / AlGaAs	395	Water Clear	560	*1100	120°
KTDS-3534UV405Z4S1-10	AlGaInP / AlGaAs	405	Water Clear	560	*1100	120°

Please refer to datasheets for detailed specification; for internal use only.

## 2.0 x 1.25 mm UV LED With Ceramic Substrate

### FEATURES

- 2.0 mm x 1.25 mm SMD LED, 0.75 mm thickness
- Low power consumption
- Wide viewing angle
- Package: 2000 pcs/reel
- Moisture sensitivity level: 1
- RoHS compliant



### ■ KTS-2012 Series

### PACKAGE MATERIALS

- Material as follows:
- Package: Ceramics
- Encapsulating resin: Silicone resin
- Electrodes: Au plating

### APPLICATIONS

- Photocatalytic Purification
- Blood and Counterfeit money detection
- UV curing in nail salon, dental, and poster printing applications
- UV Sensor Light

Part Number	Material	$\lambda_p$ (nm)	Lens Type	$\Phi_e$ (mW) @=20mA		Viewing Angle 2 $\theta$ 1/2
				Min.	Typ.	
KTS-2012UV365	InGaN	365	Water Clear	8.6	13	150°
KTS-2012UV385	InGaN	385	Water Clear	10	16	150°
KTS-2012UV395	InGaN	395	Water Clear	10	16	150°



Please refer to datasheets for detailed specification;For internal use only.