



3mm LED



CHARACTERS

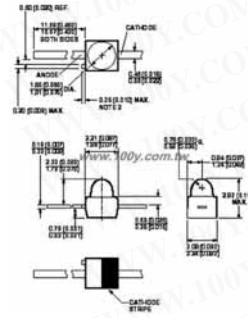
- High intensity
- Viewing angle 15°
- Reliable and rugged
- Standard 3mm diameter package

Detailed product specifications are available on: us.100y.com.tw

ITEM	MATERIALS
Resin (mold)	Epoxy
Lens color	Water transparent
Lead frame	Ag plating Iron alloy
Dice	InGaN

Part No.	Product No.	Manufacturer	Description	Emitting Color	Lens Color	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
39027	LA-304B2CA-3C-02	STONE	3mm ULTRA LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Super Blue	Water Transparent	20	468	1600	3.2	15
39018	LA-304G4CA-2A-01	STONE	3mm ULTRA LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Super Green	Water Clear	20	573	500	1.9	15
39026	LA-304G6CC-3C-01	STONE	3mm ULTRA LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Super Green	Water Transparent	20	518	3600	3.2	30
39028	LA-304V4CA-1D-01	STONE	3mm ULTRA LED LAMP COLORED L314HD L314YD L314GDINTENSITY (mcd) @IF=10mA 3-8 12-24 14-34	Ultra Red	Water Transparent	20	628	1800	1.8	15

Subminiature LED

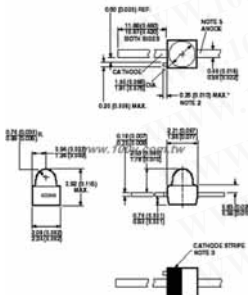


FEATURES

- **Subminiature flat top package**
-ideal for backlighting and light piping applications
- **Subminiature dome package**
-diffused dome for wide viewing angle
-nondiffused dome for high brightness
- **TTL and LSTTL compatible 5 volt resistor lamps**
- **Available in six colors**
- **Ideal for space limited applications**
- **Axial leads**
- **Available with lead configurations for surface mount and through hole PC board mounting**

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	If max. (mA)	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33568	HLMP-6300	Agilent	Subminiature LED Lamps	30mA	635nm	3mcd	1.8V	90
33569	HLMP-6400	Agilent	Subminiature LED Lamps	20mA	583nm	3mcd	2.0V	90
33570	HLMP-6500	Agilent	Subminiature LED Lamps	30mA	565nm	3mcd	2.1V	90

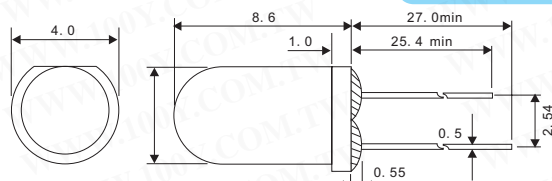


FEATURES

- **Subminiature flat top package**
Ideal for backlighting and light piping applications
- **Subminiature dome package**
Diffused dome for wide viewing angle
Non-diffused dome for high brightness
- **Wide range of drive currents 500 μA to 50mA**
- **Ideal for space limited applications**
- **Axial leads**
- **Available with lead configurations for surface mount and through hole PC board mounting**

Part No.	Product No.	Manufacturer	Description	If max. (mA)	Wave length (nm)	Light (mcd)	Typical Vf	View Angle
33574	HLMP-Q102	Agilent	Subminiature High Performance TS AlGaAs Red LED Lamps	20mA	654nm	160mcd	1.9V	35
33575	HLMP-Q106	Agilent	Subminiature High Performance TS AlGaAs Red LED Lamps	20mA	654nm	400mcd	1.9V	15

5mm LED



Note:

1. All dimensions are in millimeters (inches)
2. Lead spacing is measured where the leads emerge from the package
3. Specifications are subject to change without notice

Detailed product specifications are available on: us.100y.com.tw

Part No.	Product No.	Manufacturer	Description	Emitting Color	Lens Color	If max. mA	Wave length (nm)	Light (mcd)	Typical Vf/If	View Angle
31057	BL-B2134-AA	BRTLED	LED LAMP	Green	Green	20	568	12-57	2.2V	Diffusion
39017	BL-B3134-AT	STONE	φ5 LED Yellow	Yellow	Yellow	30	585	70	2.1V/30mA	35
31027	BL-B5134-AT	BRTLED	/LED LAMP	Red	Red	20	700	3-13	2.2	Diffusion
3290	L503OD	JOINSCAN	ORANGE LED LAMP	Orange	Orange	20	635nm	18-50	2.0V	Diffusion
1839	L503YD	JOINSCAN	YELLOW LED LAMP	Yellow	Yellow	20	600nm	11-35	2.1V	Diffusion



Device No	Color		Wavelength		VF Typical (V)	Brightness (mcd)		Bies Angle 2θ½	
	Emitter	Lens	λp	λd		Minimum	Typcial		
Φ5	HB5-433AGCA	Green	Water clear	520	540	3.50	2100	4300	45
	HB5-435AY	Yellow	Water clear	592	590	2.00	600	1000	40
	HB5-435AOR	Fresh red	Water clear	635	626	2.00	1000	1500	40
	HB5-437FA-C	Amber	Water clear	607	605	2.00	1800	2400	40

