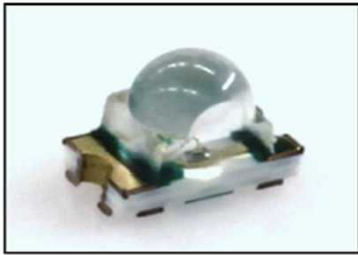


Single Color LED Surface Mount 1608 size LED with Dome Lens V 1104P- -TR



L1.64 x W0.84
x H1.15 mm



RoHS compliant



Pb-free soldering
compatible

Product Name

· V 1104P- -TR

Futures

- High brightness 1608 size LED with Stanley original lens design. 3 times to 5 times brighter than current product (1111C series).
- Common use by standard 1608 size LED's pad.
- Moisture sensitive level JEDEC LEVEL 3 (IPC/JEDEC J-STD-020D)
- Operating Temperature : -40 ~ +100
- Storage Temperature : -40 ~ +105

Applications

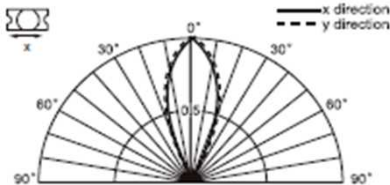
- Various indicators for Automotive interiors, Consumer electronics, Factory automation machines.
- Lighting module of image processing and inspection equipment. etc.

Characteristics Data (Ta=25 deg.)

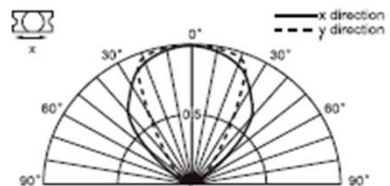
No.	Part Name	Color	Peak Wavelength	Forward Voltage		Luminous Intensity	Luminous Flux	Current
			ρ	V_F		I_v	v	I_F
			Typ.	Typ.	Max.	Typ.	Typ.	-
1	VCDB1104P-4B83B	blue	463nm	3.0V	3.3V	56mcd	90mlm	5mA
2	VCDG1104P-5C63C	Green	522nm	3.0V	3.3V	470mcd	580mlm	5mA
3	VFHL1104P-4B63C	Leaf-green	565nm	1.9V	2.5V	40mcd	120mlm	20mA
4	VFHD1104P-4BY2B	Yellow-green	575nm	1.9V	2.5V	100mcd	200mlm	20mA
5	VFHY1104P-4C42D	Yellow	592nm	1.9V	2.5V	250mcd	325mlm	20mA
6	VFHA1104P-4C42C	Orange	609nm	1.9V	2.5V	250mcd	565mlm	20mA
7	VFHV1104P-4C62B	Red	624nm	1.9V	2.5V	420mcd	565mlm	20mA
8	VFHR1104P-4C42A	Red	635nm	1.9V	2.5V	250mcd	440mlm	20mA

Spatial Distribution

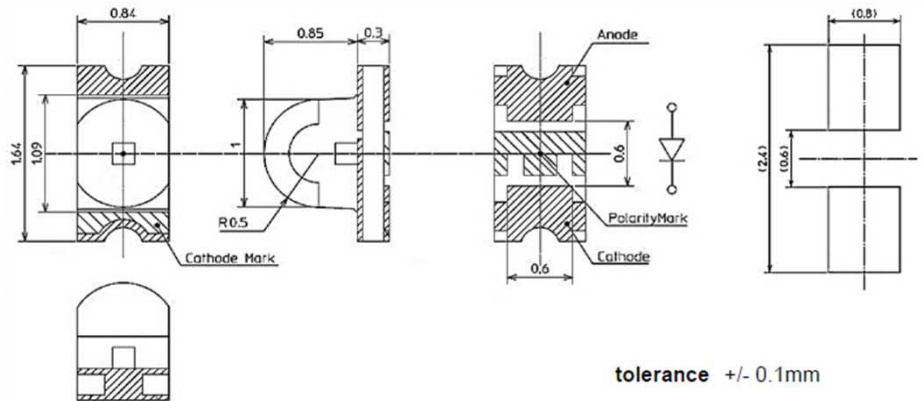
◆ No.1 ~ 2



◆ No.3 ~ 8

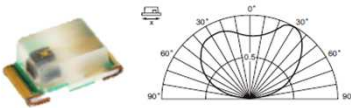
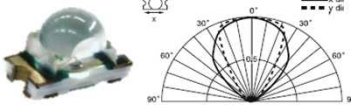


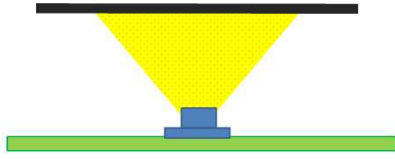
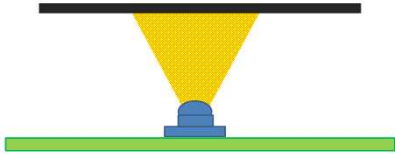
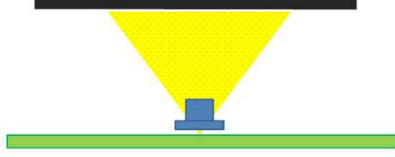
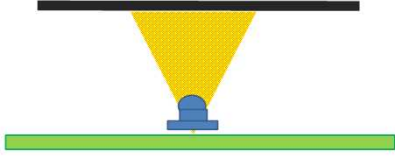


Package Dimensions



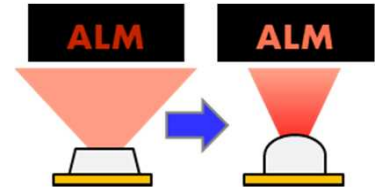
*Performance and specification may revised without prior notice, in accordance to meet the engineering development. It is recommended to confirm the most updated specification before designing. Updated Feb 2016

Original distribution angle of 1104P type LED

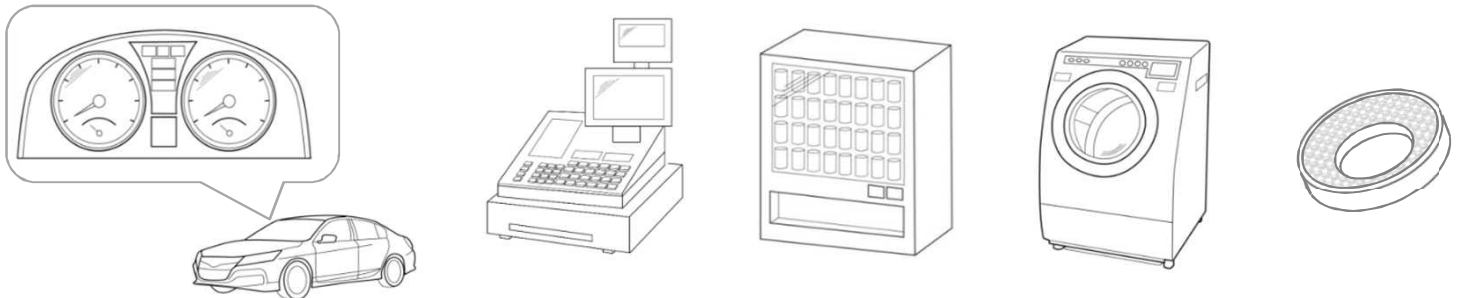
Part Name	1111C type	1104P type
	 <p>1.6 x 0.8 h0.7 mm</p>	 <p>1.64 x 0.84 h 1.15 mm</p>
Irradiation image -TOP-		
Irradiation image -X direction-		
Irradiation image -Y direction-		

Application

- Striking indicators for various applications.
- Brightly display with compact size for various applications.
 - High brightness in Character Display.
 - Space-saving in Character Display.
 - Lighting for image processing and inspection equipment.



-High brightness and space-saving by replacing from conventional 1608(0603) size, 3216(1206) and 3528(1411) size LED.



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Updated Feb 2016