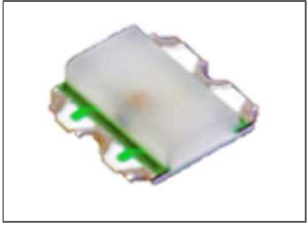


# Tri-Color LED Ultra thin and High Reliability LED ARGB1313HS-TR



L2.0 x W2.0 x H0.6  
mm

RoHS compliant

Pb-free soldering compatible

Product Name

· ARGB1313HS-TR

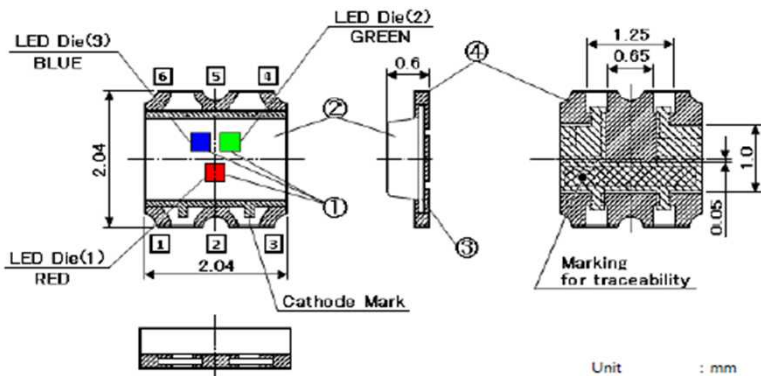
Features

- Small size and high brightness: 1,350mcd. (All die emitted)
- Long life time and High bright by using silicone transfer molding method.
- Successful at mounting at a narrower pitch than CRGB1314ASE type by downsizing. (lengthwise 5mm → 4mm)
- Sort by white color (all die emitted) to reduce color unevenness.

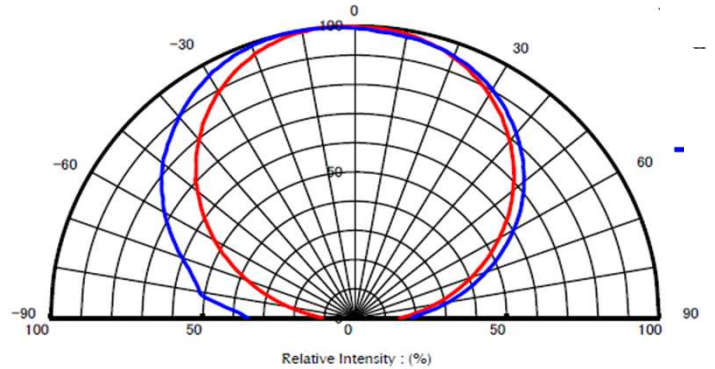
Electro-Optical characteristics (Ta=25deg)

Part Name	Emitting color	Dominant Wavelength $\lambda_d$	Forward Voltage			Luminous Intensity		Chromaticity Coordinates	
			$V_F$		$I_F$	$I_v$	$I_F$	x	y
		Typ.	Typ.	Max.	Typ.	IF	Typ.		
ARGB1313HS	blue	473nm	3.1V	3.8V	12mA	180mcd	12mA	-	-
	Green	527nm	3.2V	3.8V	22mA	850mcd	22mA	-	-
	Red	622nm	2.1V	2.8V	26mA	450mcd	26mA	-	-
	White (all emitted)	-	-	-	-	1,350mcd	b12mA g22mA r26mA	0.30	0.32

Package Dimensions



Spatial Distribution



\*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.

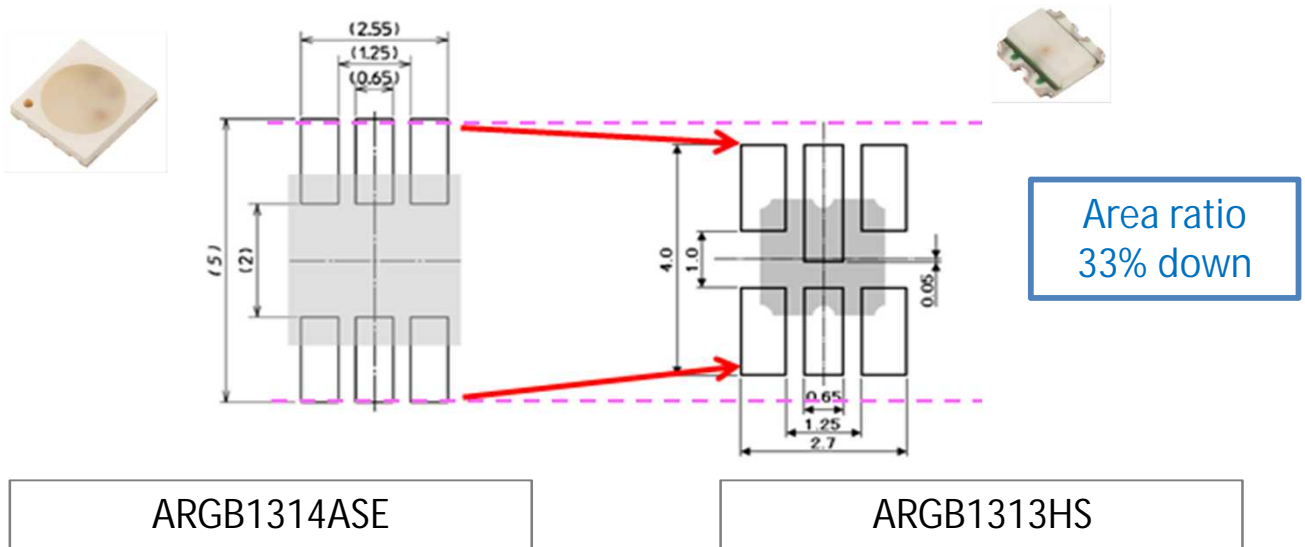
Updated Feb 2016

# Ultra thin and High Reliability LED ARGB1313HS-TR

Successful at mounting at a narrower pitch than current LED CRGB1314ASE  
by downsizing

( lengthwise : 5mm → 4mm )

This contributes effective use of mounting space and improvement of flexibility in the layout design.



## Application

• Full color dot matrix display

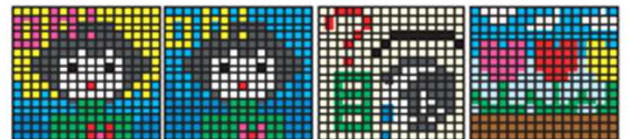
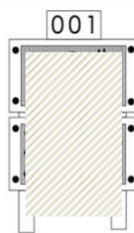
Inverter



Amusement  
machine



Traffic display  
board



• LCD backlight  
for IC card reader, business phone etc.



• Various Indicators  
for consumer electronics, toy etc.



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It is recommended to confirm the most updated specification before designing.

Updated Feb 2016