

# VISIBLE LED

## 1.ELEMENT APPEARANCE

Model No.	Material	Lighting Color	Resin Color
RT4-554PGD-TA	GaP / GaP	Yellow Green	Green Diffused

## 2.ABSOLUTE MAXIMUM RATINGS AT Ta=25°C

Characteristic	Symbol	Rating	Unit
Forward direct current	I <sub>FM</sub>	25	mA
Reverse voltage	V <sub>RM</sub>	5	V
Operating temperature	T <sub>opr</sub>	-40 to +85	°C
Storage temperature	T <sub>stg</sub>	-40 to +100	°C
Power dissipation	P <sub>d</sub>	70	mW

## 3.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous intensity	I <sub>v</sub>	IF= 20 mA		3		mcd
Forward voltage	V <sub>F</sub>	IF= 20 mA		2.25	2.8	V
Reverse current	I <sub>R</sub>	V <sub>R</sub> =5V			10	μA
Peak emission wavelength	λ <sub>p</sub>	IF=20mA		557		nm
Dominant wavelength	λ <sub>d</sub>	IF=20mA		563		nm
Viewing angle	2θ 1/2	IF=20mA		140		deg.

※Luminous Intensity Measurement allowance is ±15%

※Forward voltage Measurement allowance is ±0.05V

※Peak emission wavelength Measurement allowance is ±0.5nm



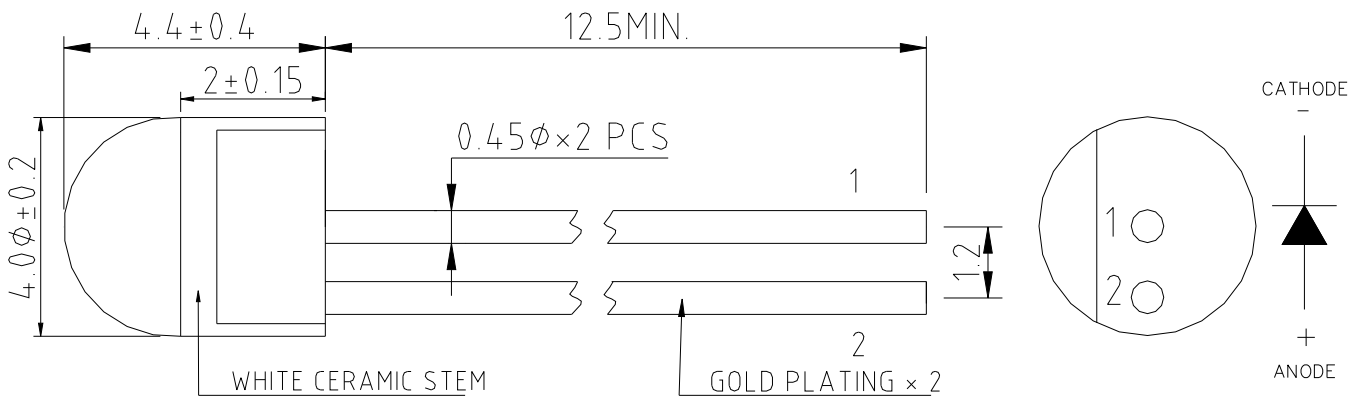
## 4.DIMENSIONS UNIT : m/m

Tolerance is ±0.25mm unless otherwise specified.

SIGN :

1.CATHODE

2.ANODE



## Model : RT4-554PGD-TA

