

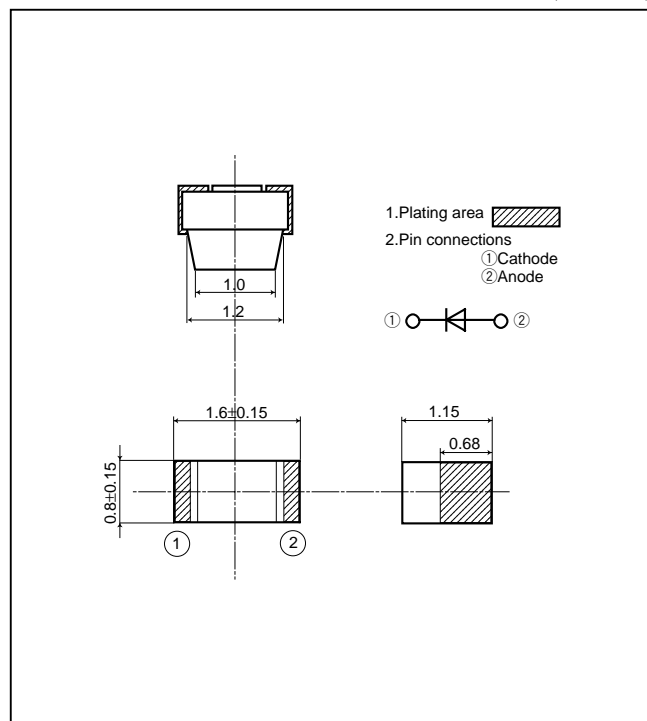
# GM4J□81200AE series

(Under development)

**1.6×1.15mm Size, 0.8mm  
Thickness, Side Emitting  
Leadless Chip LED**

## ■ Outline Dimensions

(Unit : mm)



## ■ Absolute Maximum Ratings

(T<sub>a</sub>=25°C)

Model No.	Radiation color	Radiation material	Forward current I <sub>F</sub> (mA)	Peak forward current I <sub>FM</sub> *1 (mA)	Reverse voltage V <sub>R</sub> (V)	Operating temperature T <sub>opr</sub> (°C)	Storage temperature T <sub>stg</sub> (°C)	Soldering temperature T <sub>sol</sub> *2 (°C)
GM4JJ81200AE	Orange	AlGaInP on GaAs	20	40	5	-30 to +85	-40 to +100	290
GM4JS81200AE	Sunset orange	AlGaInP on GaAs	20	40	5	-30 to +85	-40 to +100	290
GM4JV81200AE	Amber	AlGaInP on GaAs	20	40	5	-30 to +85	-40 to +100	290

\*1 Duty ratio=1/10, Pulse width=0.1ms

\*2 For 3s or less at the temperature (290°C) of hand soldering. Temperature of reflow soldering is shown on page 2.

## ■ Electro-optical Characteristics

(I<sub>F</sub>=10mA, T<sub>a</sub>=25°C)

Lens type	Model No.	Forward voltage V <sub>F</sub> (V)	Peak emission wavelength λ <sub>p</sub> (nm)	Dominant wavelength λ <sub>d</sub> (nm)	Luminous intensity I <sub>v</sub> (mcd)	Page for characteristics diagrams
		TYP	TYP	TYP	TYP	
Colorless transparency	GM4JJ81200AE	2.0	627	618	(45)	—
	GM4JS81200AE	2.0	609	605	(45)	—
	GM4JV81200AE	2.0	591	588	(35)	—

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- Gas leakage sensor breakers
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- Various safety devices, etc.

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