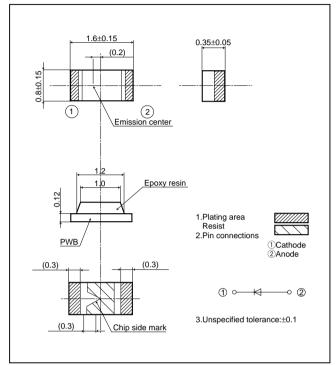
GM1J□35200AE series

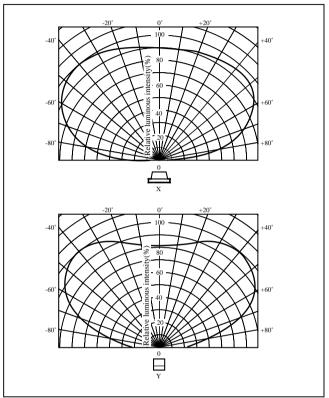
1608 Size, 0.35mm Thickness, Super Thin Type Leadless Chip LED

■ Outline Dimensions

(Unit: mm)



■ Directive Characteristics



■ Absolute Maximum Ratings

(Ta=25°C)

Model No.	Emitting color		Power dissipation P (mW)	Forward current IF (mA)	Peak forward current IFM*1 (mA)	Derating (mA		Reverse voltage VR (V)	Operating temperature T_{opr} (°C)	Storage temperature T_{stg} (°C)	Soldering temperature T_{sol}^{*2} (°C)
GM1JR35200AE	Red	AlGaInP on GaAs	52	20	40	0.27	0.53	5	-30 to +85	-40 to +100	350
GM1JJ35200AE	Orange	AlGaInP on GaAs	52	20	40	0.27	0.53	5	-30 to +85	-40 to +100	350
GM1JS35200AE	Sunset-orange	AlGaInP on GaAs	52	20	40	0.27	0.53	5	-30 to +85	-40 to +100	350
GM1JV35200AE	Amber	AlGaInP on GaAs	52	20	40	0.27	0.53	5	-30 to +85	-40 to +100	350

^{*1} Duty ratio=1/10, Pulse width=0.1ms

■ Electro-optical Characteristics

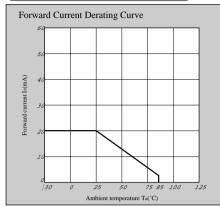
(IF=5mA,Ta=25°C)

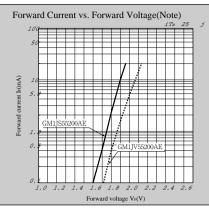
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength λ _P (nm)	Dominant wavelength λ _d (nm)	Luminous intensity Iv(mcd)	Spectrum radiation bandwidth Δλ(nm)	Reverse current $I_R(\mu A)$ V_R		Terminal capacitance C _i (pF) (MHz)		Page for characteristics
		TYP	MAX	TYP	TYP	TYP	TYP	MAX	(V)	TYP	(14112)	diagrams
	GM1JR35200AE	2.0	2.6	639	631	15	15	100	4	60	1	52
Colorless	GM1JJ35200AE	2.0	2.6	627	618	19	15	100	4	60	1	52
transparency	GM1JS35200AE	2.0	2.6	609	605	19	15	100	4	60	1	52
	GM1JV35200AE	2.0	2.6	591	588	19	15	100	4	60	1	52

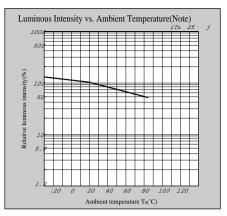
 $^{^*}$ 2 For 3s or less at the temperature (350°C) of hand soldering. Temperature of reflow soldering is shown on page 2.

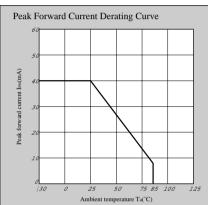
Characteristics Diagrams

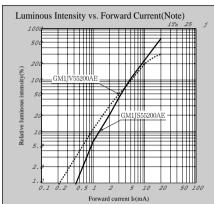
GM1JS55200AE/GM1JV55200AE

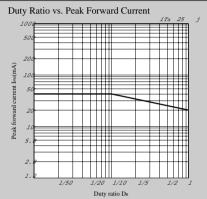




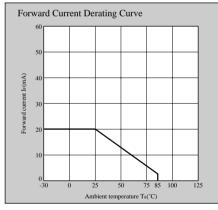


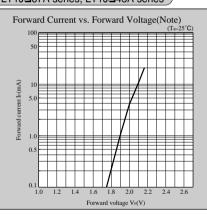


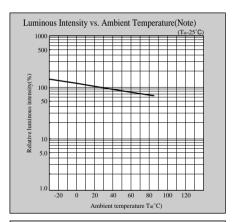


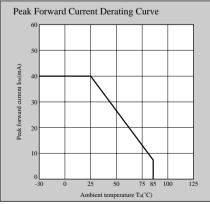


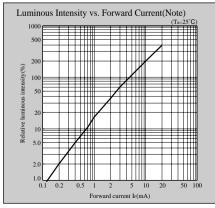
GM1J□40300AE series, GM1J□35200AE series, LT1J□67A series, LT1J□45A series

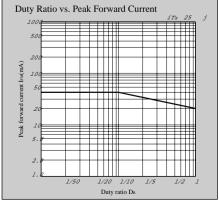












Note) Characteristics shown in diagrams are typical values. (not assurance value)

Internet

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- -- Audio visual equipment
- -- Consumer electronics
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