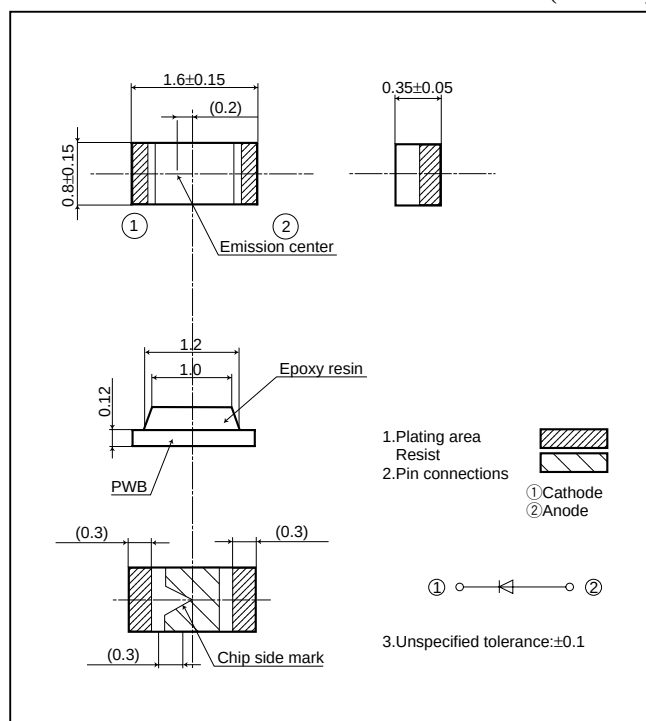


GM1J□35200AE series

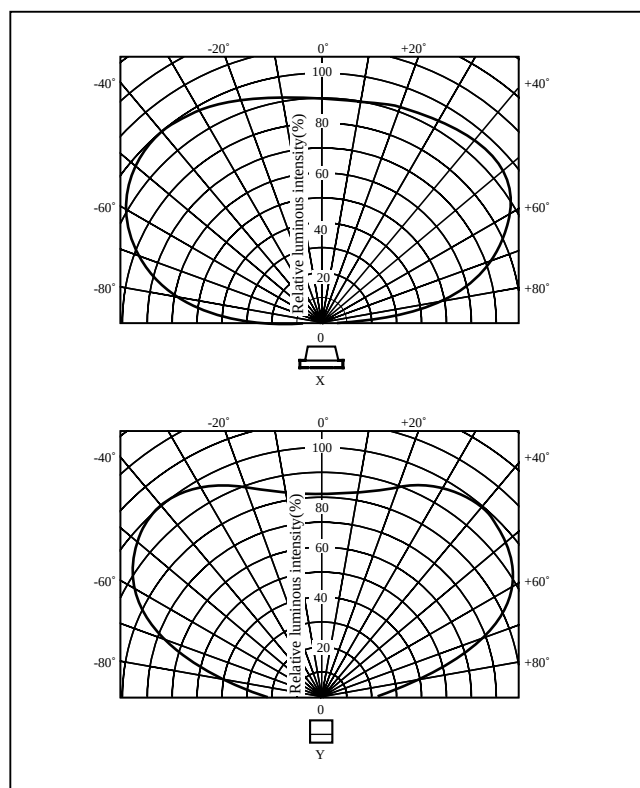
1608 Size, 0.35mm Thickness,
Super Thin Type Leadless Chip
LED

■ Outline Dimensions

(Unit : mm)



■ Directive Characteristics



■ Absolute Maximum Ratings

(Ta=25°C)

Model No.	Emitting color	Material	Power dissipation P (mW)	Forward current If (mA)	Peak forward current IFM*1 (mA)	Derating factor (mA/°C)		Reverse voltage VR (V)	Operating temperature Topr (°C)	Storage temperature Tstg (°C)	Soldering temperature Tsol*2 (°C)
						DC	Pulse				
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

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

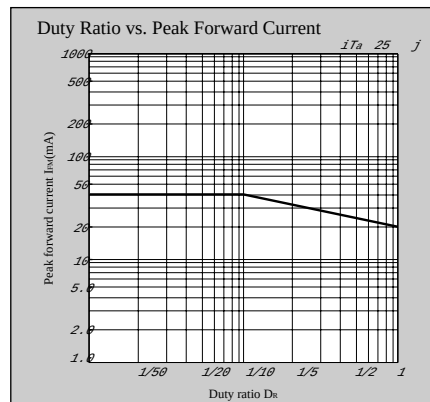
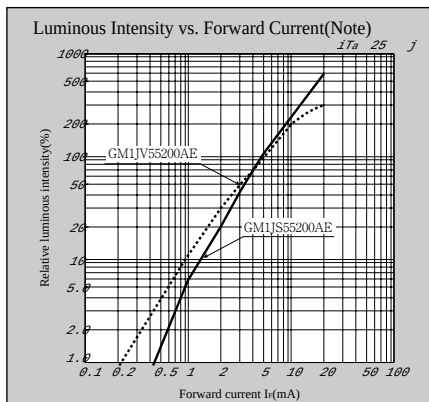
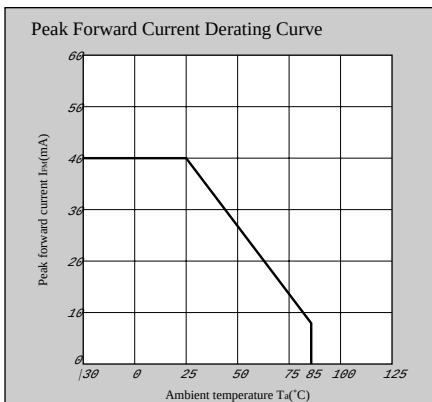
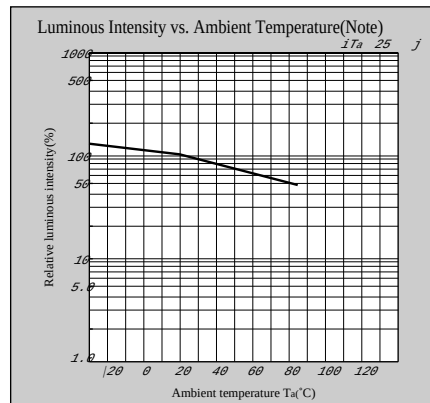
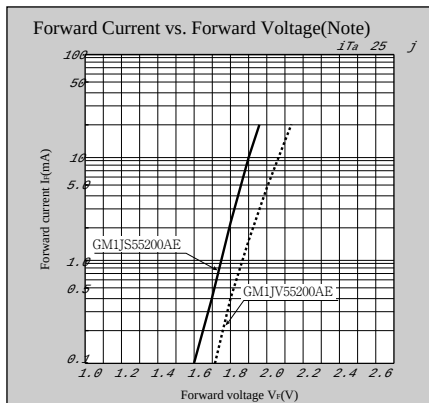
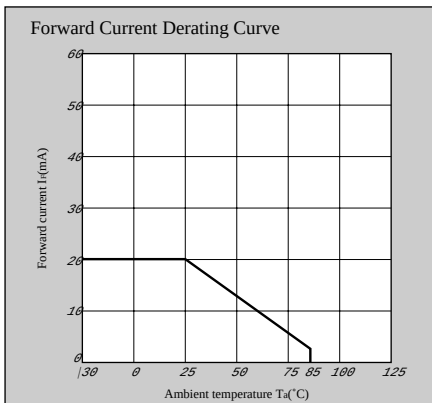
■ Electro-optical Characteristics

(If=5mA, Ta=25°C)

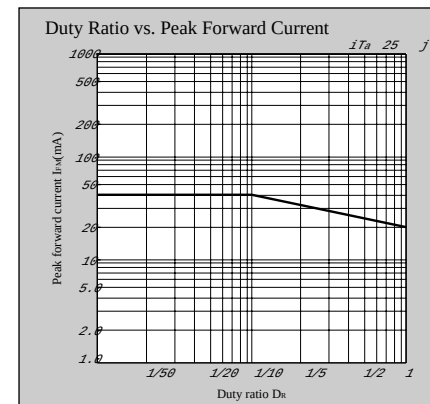
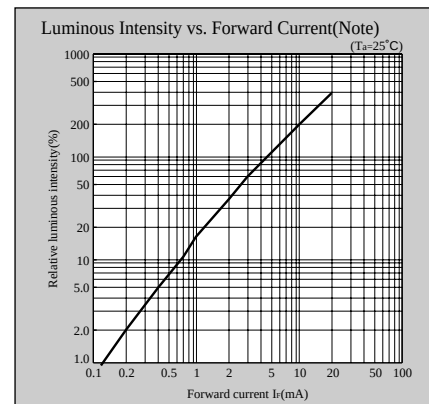
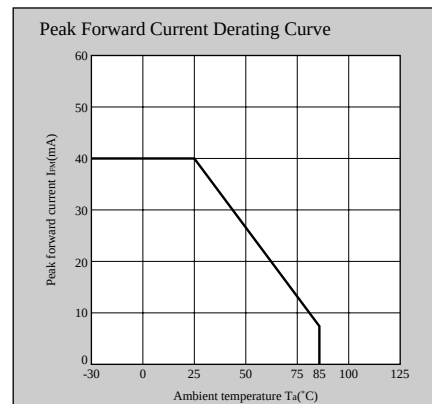
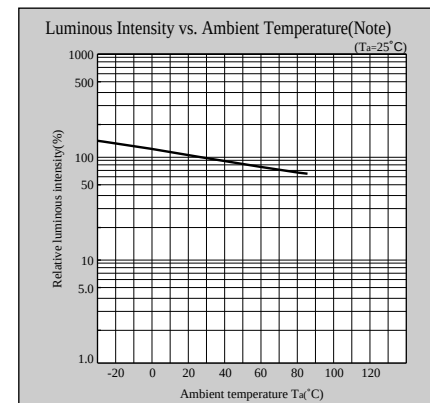
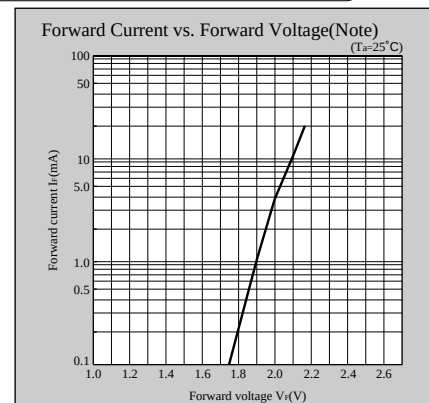
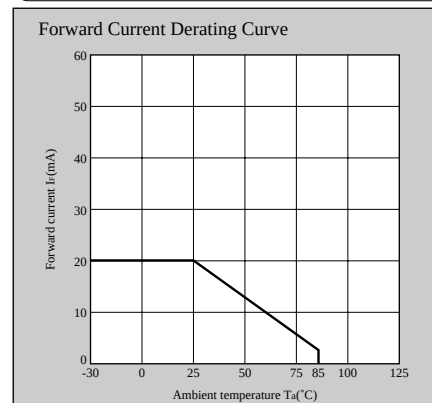
Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λp(nm)	Dominant wavelength λd(nm)	Luminous intensity Iv(mcd)	Spectrum radiation bandwidth Δλ(nm)	Reverse current		Terminal capacitance		Page for characteristics diagrams
		TYP	MAX	TYP	TYP	TYP	TYP	IR(μA) MAX	VR (V)	Cr(pF) TYP	(MHz)	
Colorless transparency	GM1JR35200AE	2.0	2.6	639	631	15	15	100	4	60	1	52
	GM1JJ35200AE	2.0	2.6	627	618	19	15	100	4	60	1	52
	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

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)

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