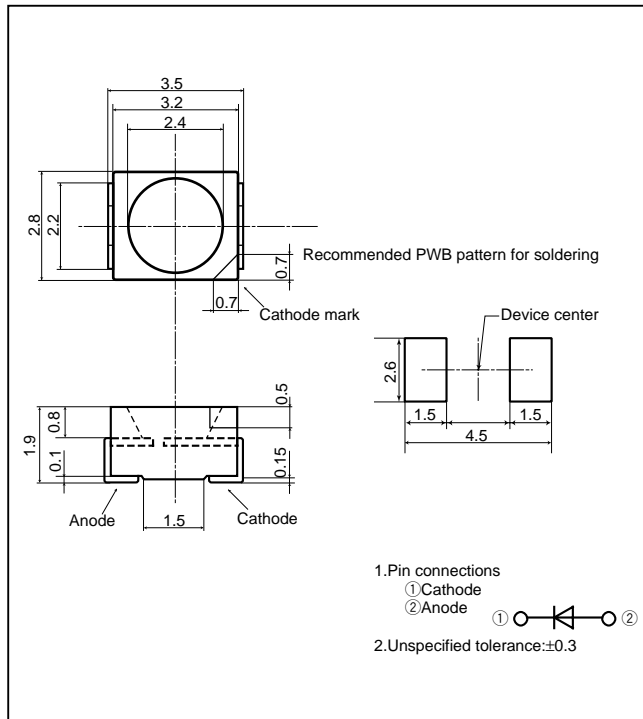


GM5J□95200AE series

3528 Size, 1.9mm Thickness, Leadless Chip LED

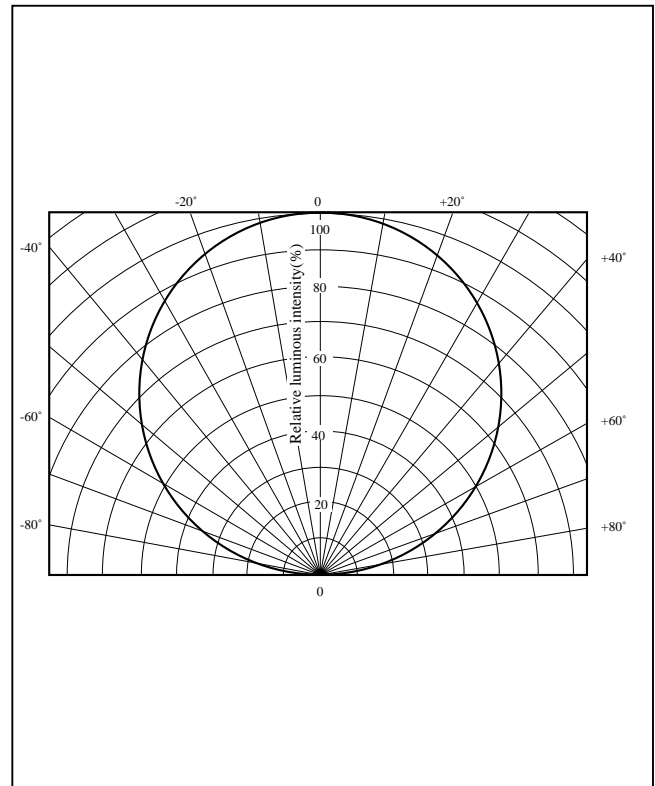
Outline Dimensions

(Unit : mm)



Directive Characteristics

(Ta=25°C)



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				
GM5JJ95200AE	Orange	AlGaInP on GaAs	65	25	30	0.50	0.60	5	-55 to +110	-55 to +110	295
GM5JS95200AE	Sunset orange	AlGaInP on GaAs	65	25	30	0.50	0.60	5	-55 to +110	-55 to +110	295
GM5JV95200AE	Amber	AlGaInP on GaAs	65	25	30	0.50	0.60	5	-55 to +110	-55 to +110	295

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

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

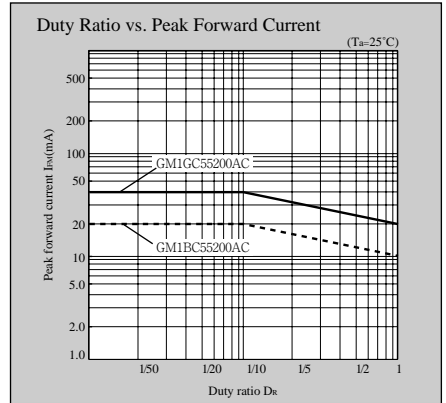
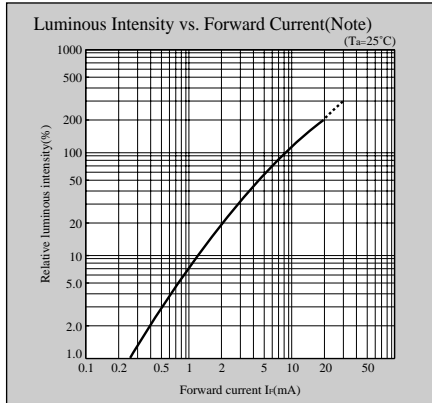
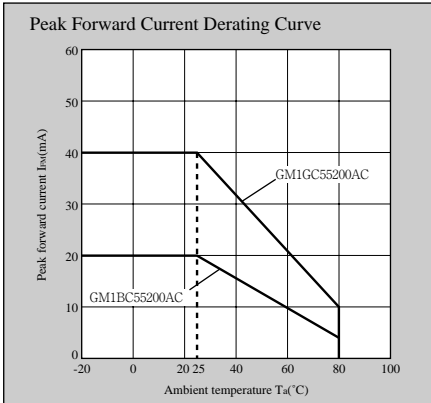
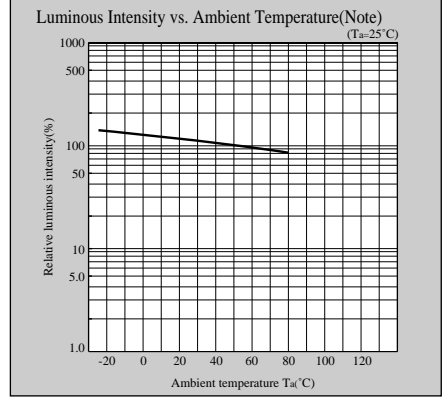
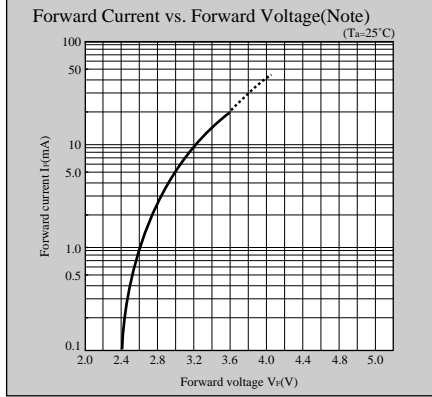
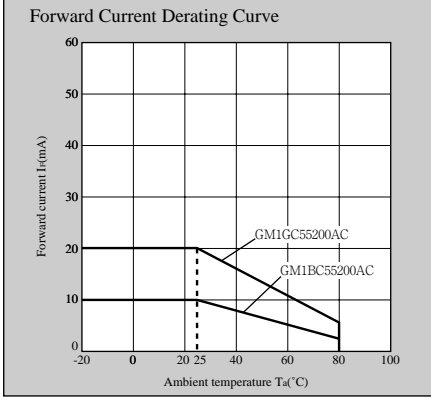
Electro-optical Characteristics

(If=20mA, Ta=25°C)

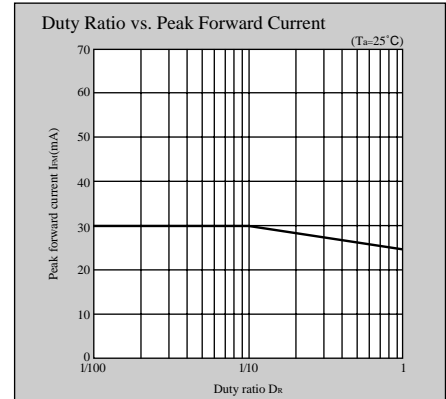
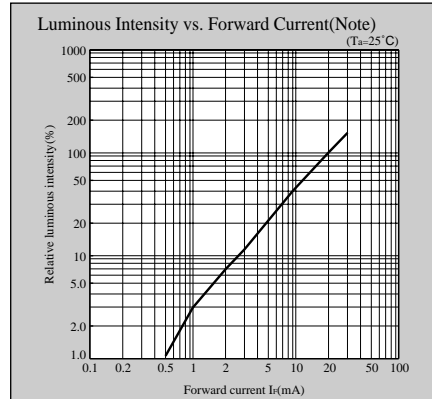
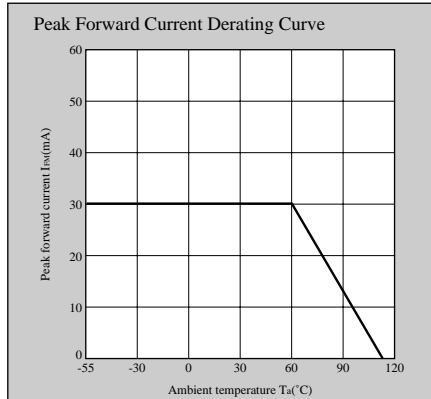
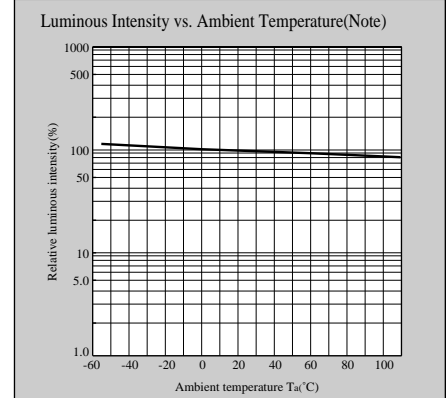
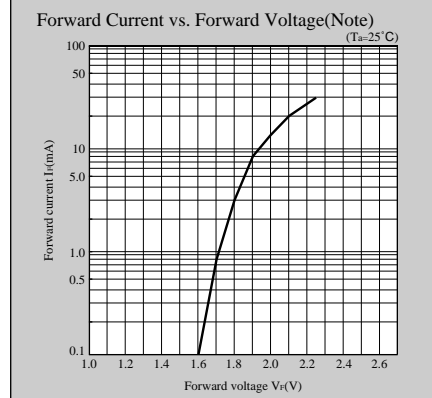
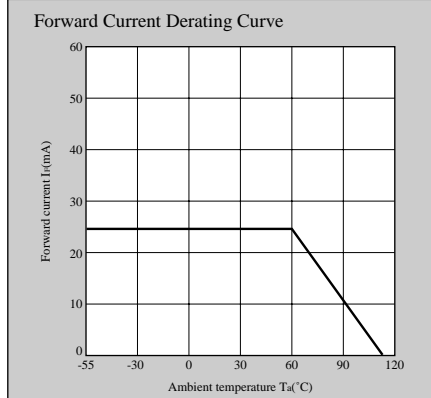
Lens type	Model No.	Forward voltage VF(V)		Peak emission wavelength λp(nm) TYP	Dominant wavelength λd(nm) TYP	Luminous intensity Iv(mcd) TYP	Spectrum radiation bandwidth Δλ(nm) TYP	Reverse current		Terminal capacitance		Page for characteristics diagrams
		TYP	MAX					IR(μA) MAX	VR(V)	Ct(pF) TYP	(MHz)	
Colorless transparency	GM5JJ95200AE	2.2	2.6	627	618	70	15	100	4	60	1	50
	GM5JS95200AE	2.2	2.6	609	605	90	15	100	4	60	1	51
	GM5JV95200AE	2.2	2.6	591	588	80	15	100	4	60	1	51

Characteristics Diagrams

GM1BC55200AC/GM1GC55200AC



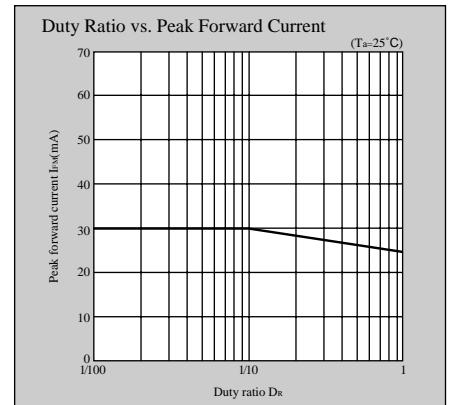
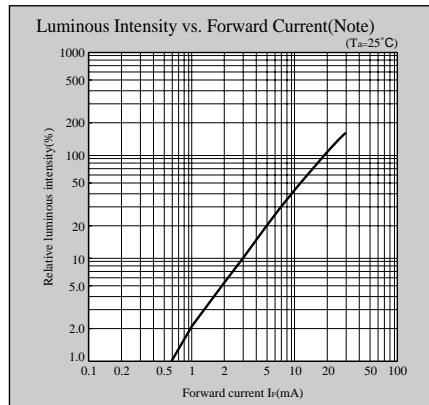
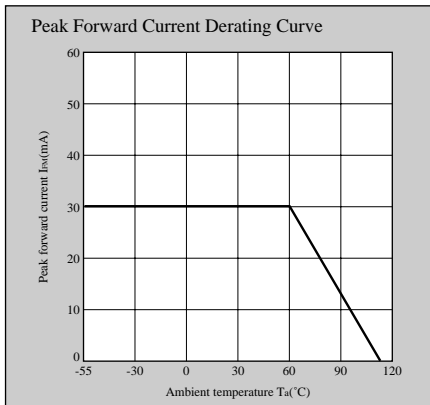
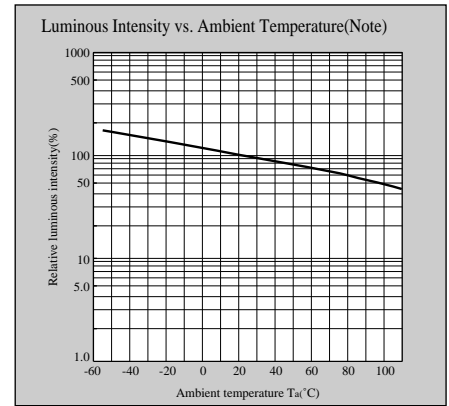
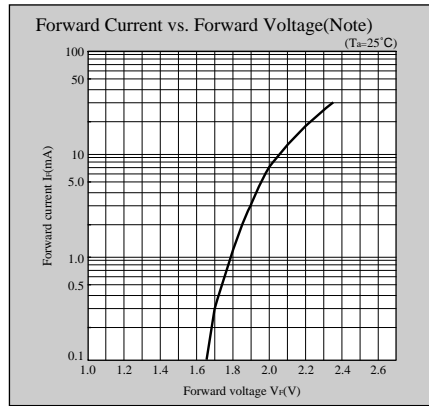
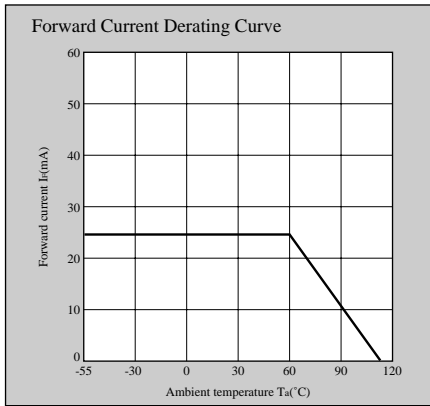
GM5JJ95200AE



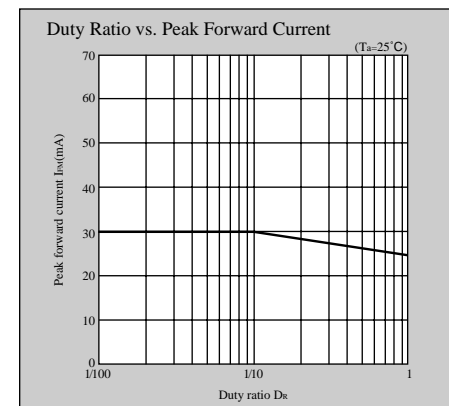
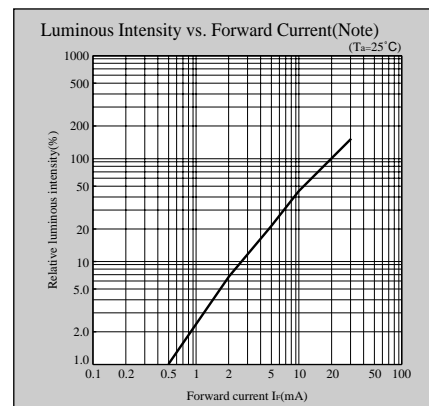
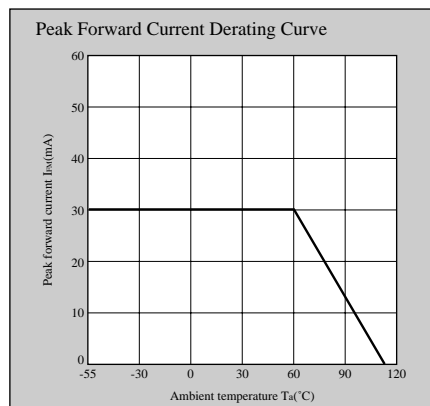
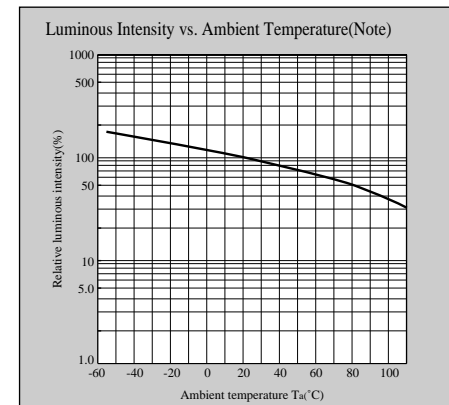
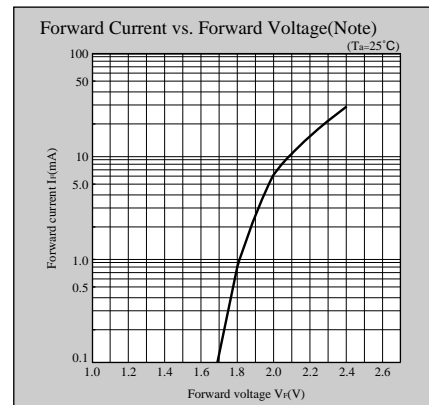
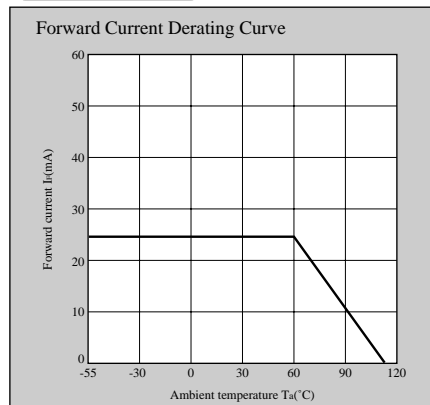
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Characteristics Diagrams

GM5JS95200AE



GM5JV95200AE



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

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- Telecommunication equipment [terminal]
- Test and measurement equipment
- Industrial control
- Audio visual equipment
- Consumer electronics

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

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