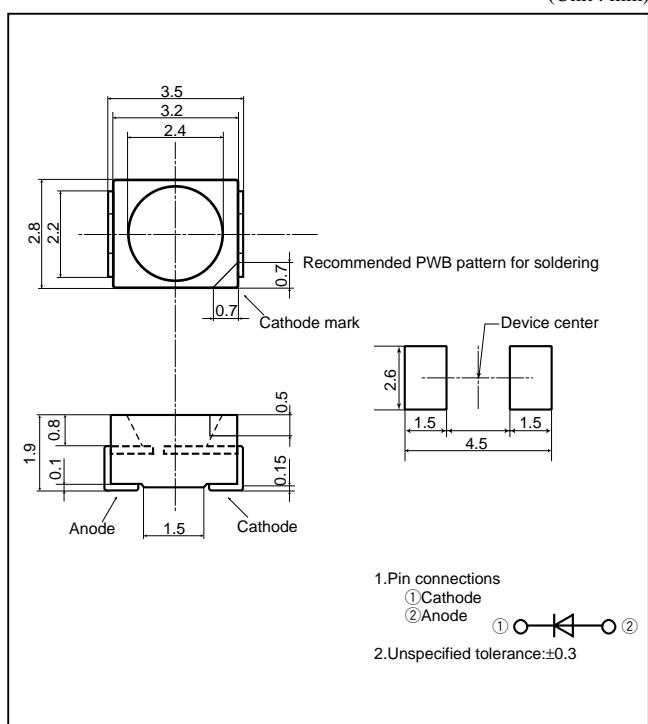
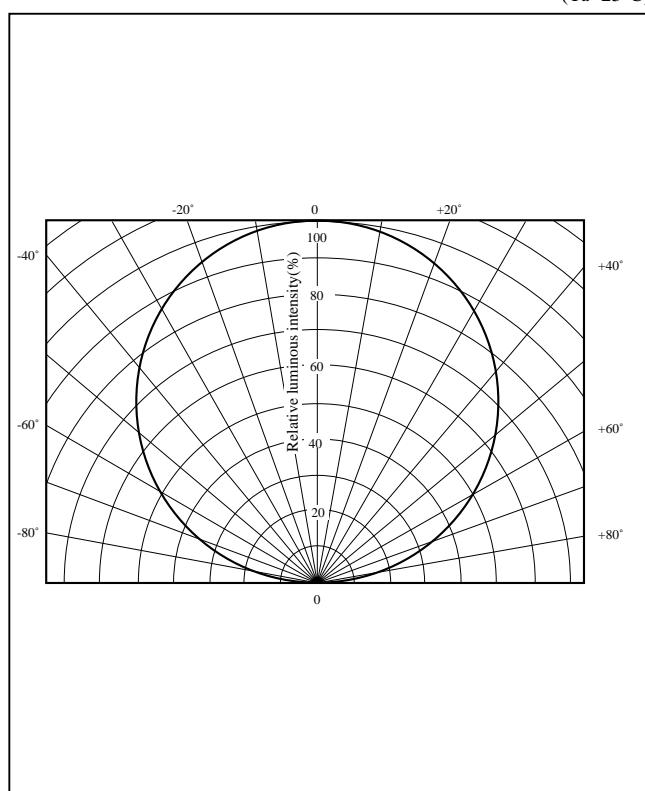


GM5J□95200AE series**3528 Size, 1.9mm Thickness,
Leadless Chip LED****■ Outline Dimensions**

(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 V _R (V)	Operating temperature T _{opr} (°C)	Storage temperature T _{stg} (°C)	Soldering temperature T _{sol} ^{*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.

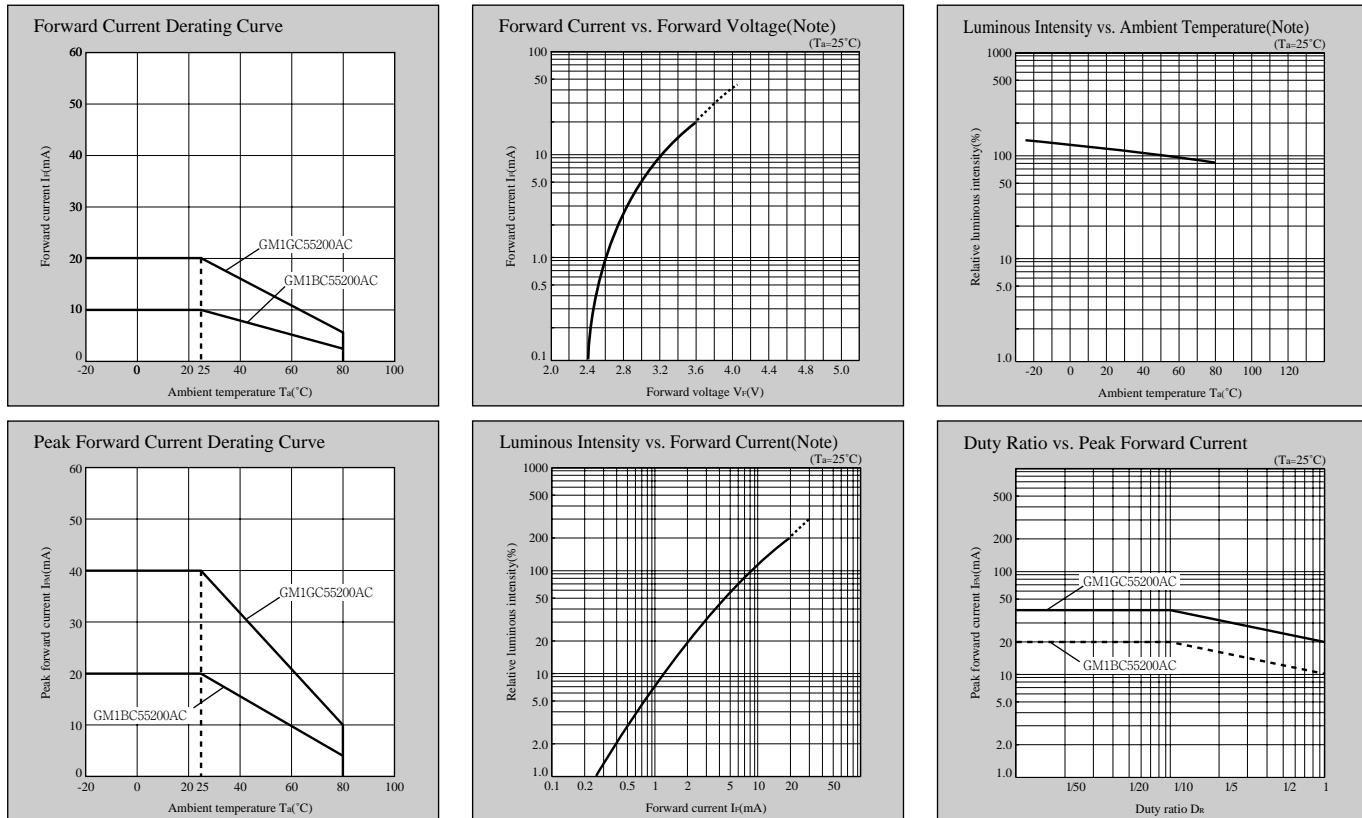
■ Electro-optical Characteristics

(If=20mA, Ta=25°C)

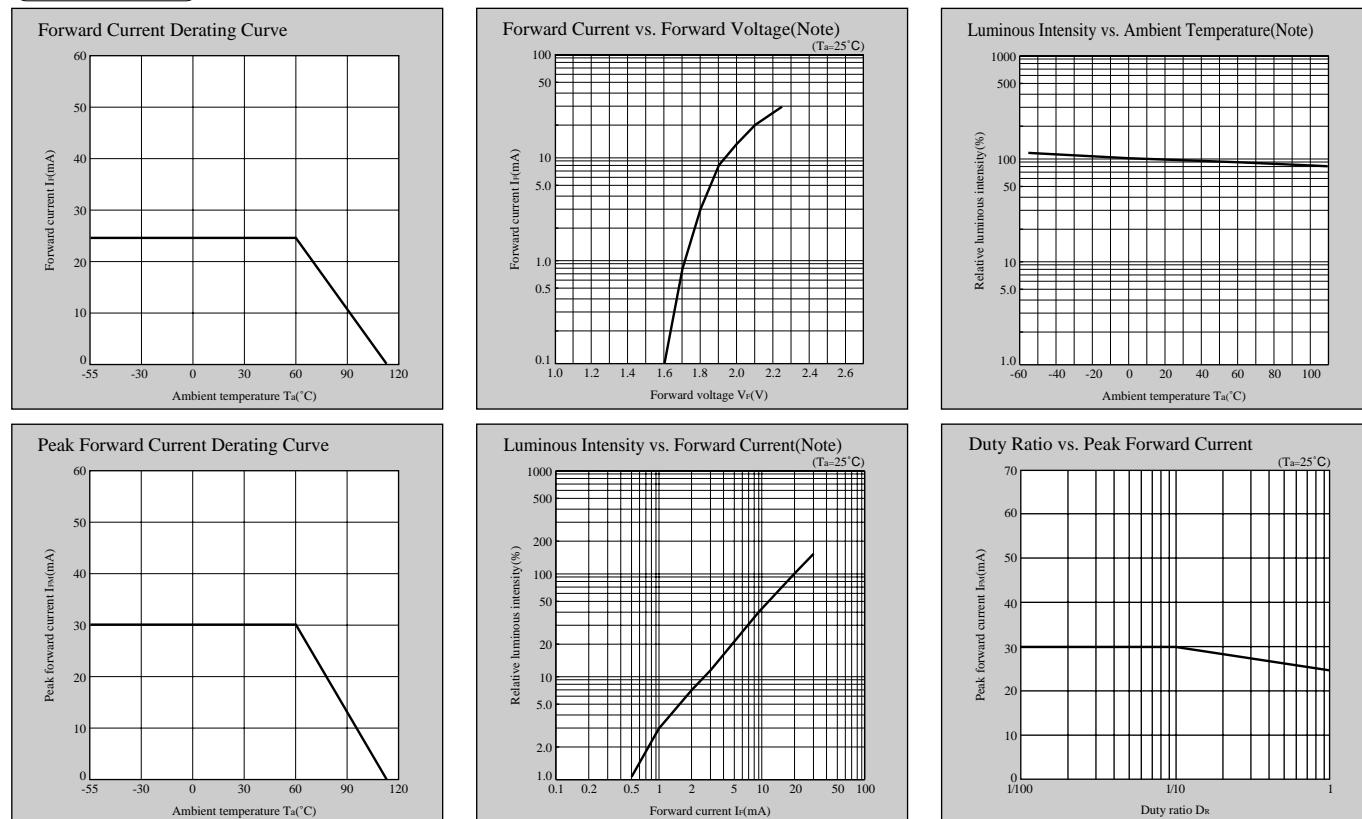
Lens type	Model No.	Forward voltage V _F (V)		Peak emission wavelength λ _p (nm) TYP	Dominant wavelength λ _d (nm) TYP	Luminous intensity I _V (mcd) TYP	Spectrum radiation bandwidth Δλ(nm) TYP	Reverse current		Terminal capacitance C _t (pF) TYP	Page for characteristics diagrams
		TYP	MAX					I _R (μA) MAX	V _R (V)		
Colorless transparency	GM5JJ95200AE	2.2	2.6	627	618	70	15	100	4	60	1
	GM5JS95200AE	2.2	2.6	609	605	90	15	100	4	60	1
	GM5JV95200AE	2.2	2.6	591	588	80	15	100	4	60	1

Characteristics Diagrams

GM1BC55200AC/GM1GC55200AC



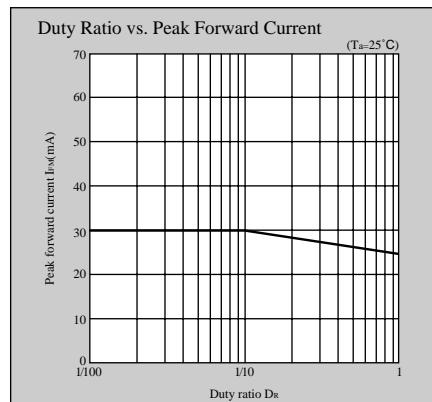
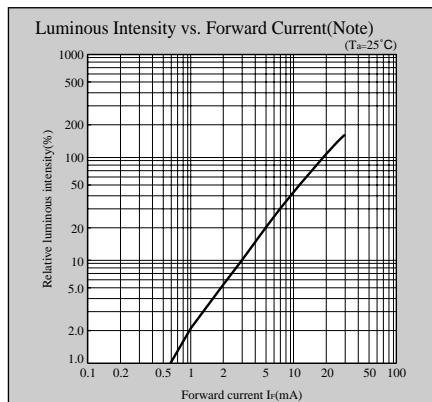
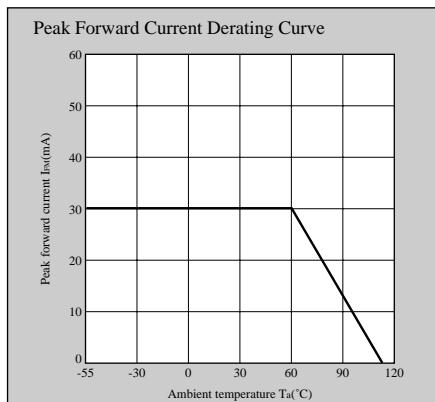
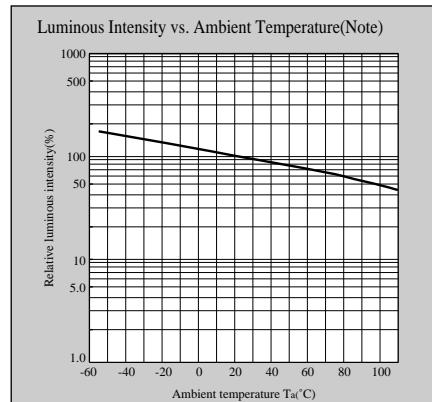
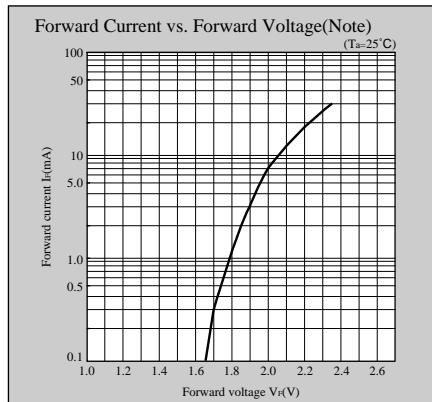
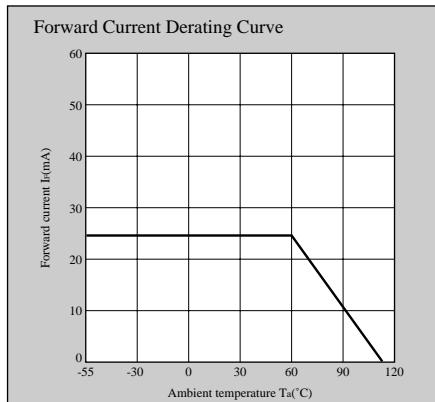
GM5JJ95200AE



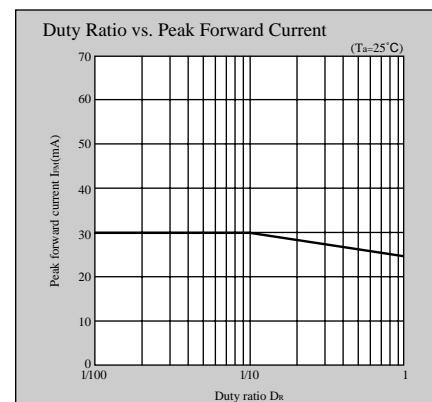
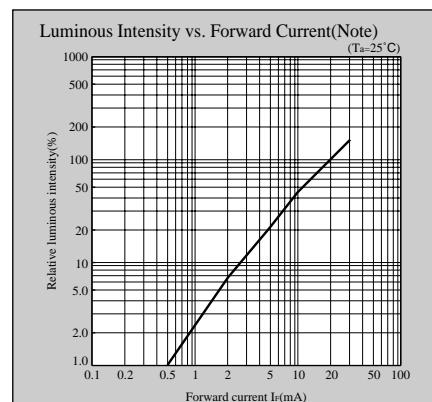
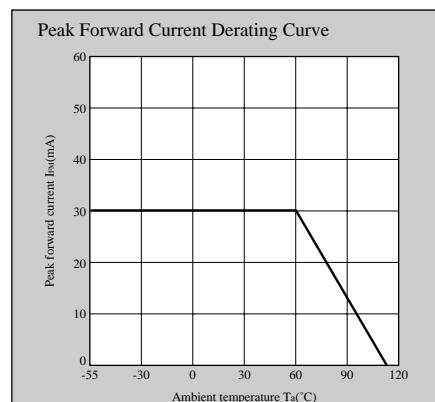
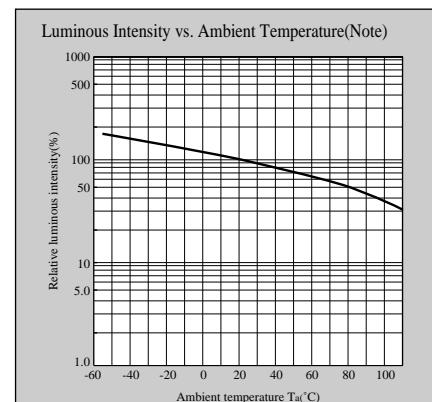
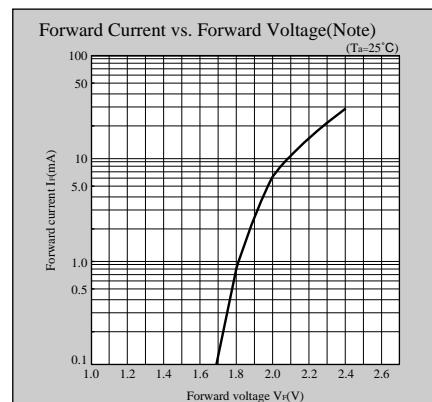
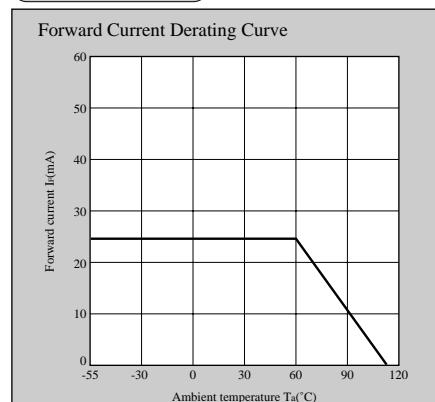
Note) Characteristics shown in diagrams are typical values. (not assurance value)

Characteristics Diagrams

GM5JS95200AE



GM5JV95200AE



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

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Internet	Internet address for Electronic Components Group http://sharp-world.com/ecg/

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