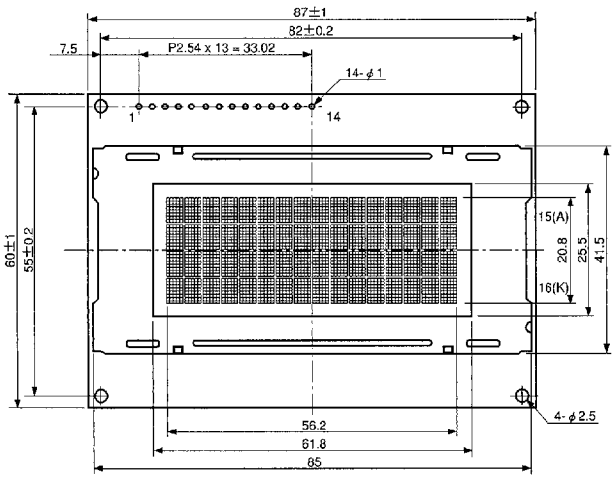
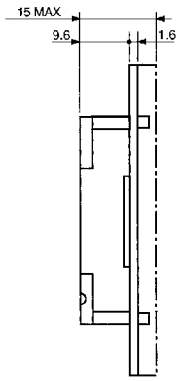
GMD1640ALY With LED BACKLIGHTING

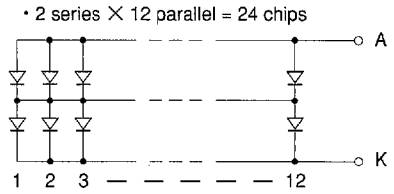
● Module Dimensions (with LED Backlighting)





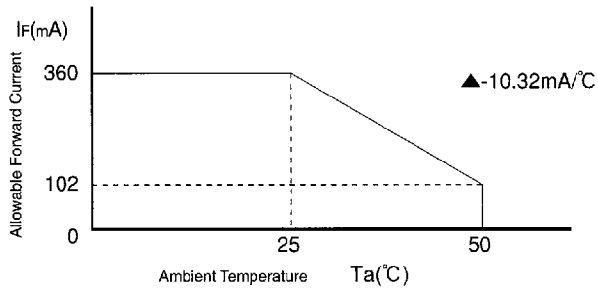
Unit : mm

● Circuit Diagram of LED Backlighting



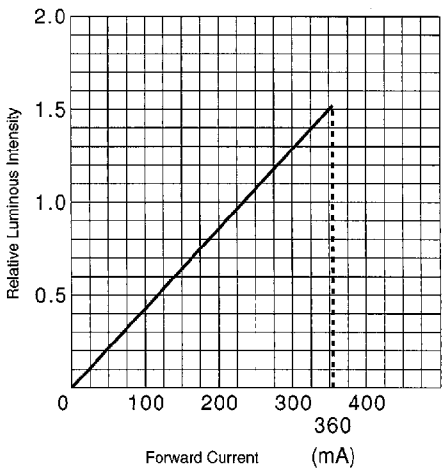
● Characteristics of LED Backlighting

Forward Current VS. Ambient Temperature



※The ratings and characteristics of LCD modules are specified with the assumption that the forward current supplied to the LED units will be varied according to the ambient temperature.

Relative Luminous Intensity VS. Forward Current



● Absolute Maximum Ratings and Characteristics of LED Backlighting

Ta=25℃

Item / Symbol / Rule / Part Number (*Emitted Color) / LED Chip		Absolute Maximum Ratings			Electro-Optical Characteristics								
		Forward Current	Reverse Voltage	Power Dissipation	Forward Voltage		Condition	Reverse Current	Condition	Luminous Intensity	Condition	Peak Wavelength	Condition
		IF	VR	Pd	VF		IF	IR	VR	Iv	IF	λp	IF
		MAX.	MAX.	MAX.	TYP.	MAX.	—	MAX.	—	TYP.	—	TYP.	—
GMD 1640ALY (Yellow)	PY	360	8	1660	4.3	4.6	240	240	8	85	240	570	240
Unit		mA	V	mW	V		mA	μA	V	cd/m²	mA	nm	mA

Note: Above specifications should be applicable to the LED backlighting itself.