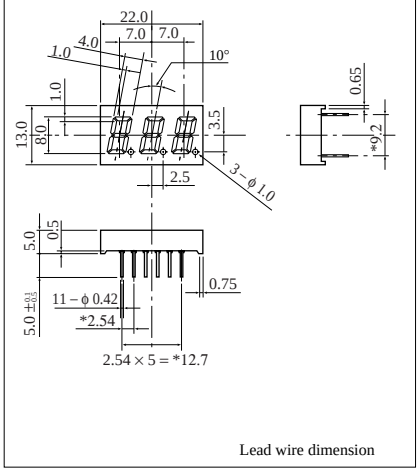
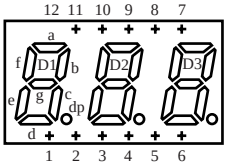
3 Digit 8.0mm (.3") Series

Conventional Part No.	Global Prat No.	Lighting Color
LNM233AS01	LNM233AS01	Red
LNM233KS01	LNM233KS01	Red
LNM333AS01	LNM333AS01	Green
LNM333KS01	LNM333KS01	Green
LNM433AS01	LNM433AS01	Amber
LNM433KS01	LNM433KS01	Amber

Unit: mm



Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode c	Anode c
2	Common Anode D1	Common Cathode D1
3	Cathode d	Anode d
4	Common Anode D2	Common Cathode D2
5	Common Anode D3	Common Cathode D3
6	Cathode dp	Anode dp
7	Cathode b	Anode b
8	Cathode f	Anode f
9	Cathode a	Anode a
10	Cathode e	Anode e
11	Cathode g	Anode g
12	No Pin	No Pin

■ Absolute Maximum Ratings (T_a = 25°C)

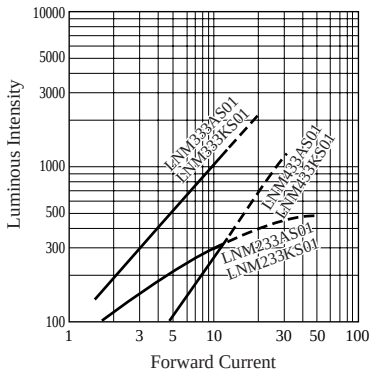
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Red	34	12	65	5	–25 ~ +80	–30 ~ +85
Green	34	12	65	5	–25 ~ +80	–30 ~ +85
Amber	34	12	65	5	–25 ~ +80	–30 ~ +85

Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

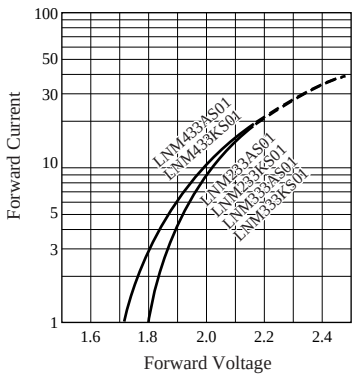
■ Electro–Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I_O		I_O /d.p	I_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	Typ		Typ	Max	Typ	Typ		Max	V_R
LNM233AS01	Red	Anode	200	70	10	70	2.03	2.8	700	100	10	10	5
LNM233KS01	Red	Cathode	200	70	10	70	2.03	2.8	700	100	10	10	5
LNM333AS01	Green	Anode	1000	300	10	300	2.03	2.8	565	30	10	10	5
LNM333KS01	Green	Cathode	1000	300	10	300	2.03	2.8	565	30	10	10	5
LNM433AS01	Amber	Anode	600	200	10	100	2.00	2.8	590	30	10	10	5
LNM433KS01	Amber	Cathode	600	200	10	100	2.00	2.8	590	30	10	10	5
Unit	—	—	mcd	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

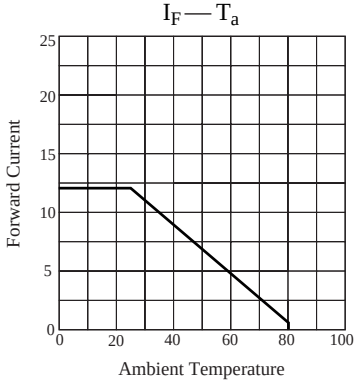
I_O — I_F



I_F — V_F



I_F — T_a



⚠ Caution for Safety

⚠ DANGER

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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