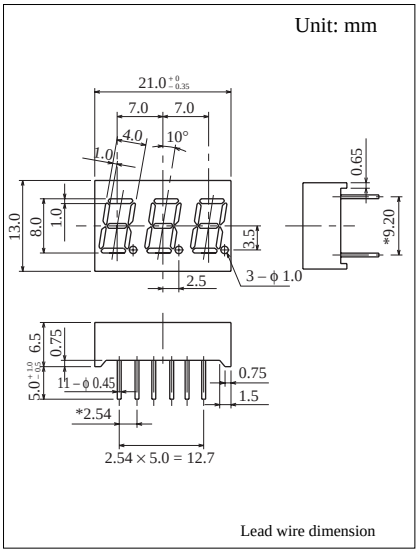
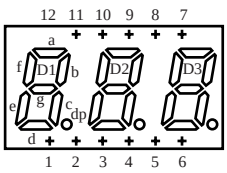
3 Digit 8.0mm (.3”) Series

Conventional Part No.	Global Prat No.	Lighting Color
LN533YAMYS ·····	LNM433AS02 ·····	Amber
LN533YKMYS ·····	LNM433KS02 ·····	Amber



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

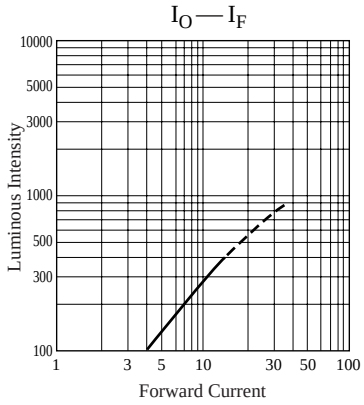
■ Absolute Maximum Ratings (T_a = 25°C)

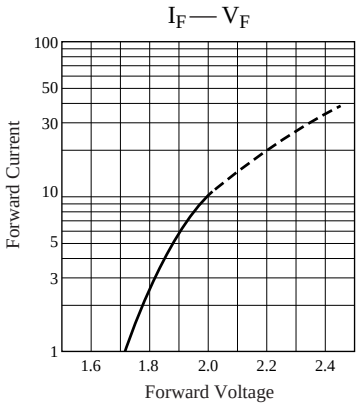
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Amber	34	12	65	5	–25 ~ +80	–30 ~ +85

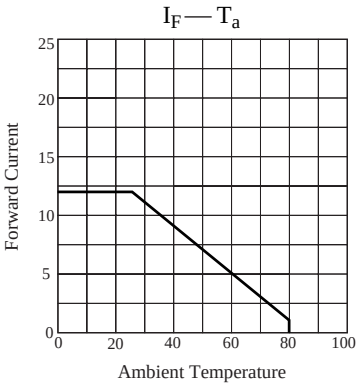
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

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

Conventional Part No.	Lighting Color	Common	I_O		I_O /d.p		V_F		λ_P	$\Delta\lambda$		I_R	
			Typ	Min	Typ	I_F	Typ	Max	Typ	Typ	I_F	Max	V_R
LN533YAMYS	Amber	Anode	300	100	100	10	2.00	2.8	590	30	10	10	5
LN533YKMYS	Amber	Cathode	300	100	100	10	2.00	2.8	590	30	10	10	5
Unit	—	—	µcd	µcd	µcd	mA	V	V	nm	nm	mA	µA	V







⚠ 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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(3) The products described in this material are intended to be used for standard applications or general electronic equipment (such as office equipment, communications equipment, measuring instruments and household appliances).
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- Any applications other than the standard applications intended.

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