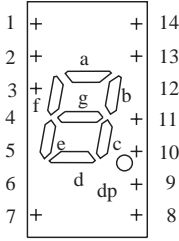


Numeric Display

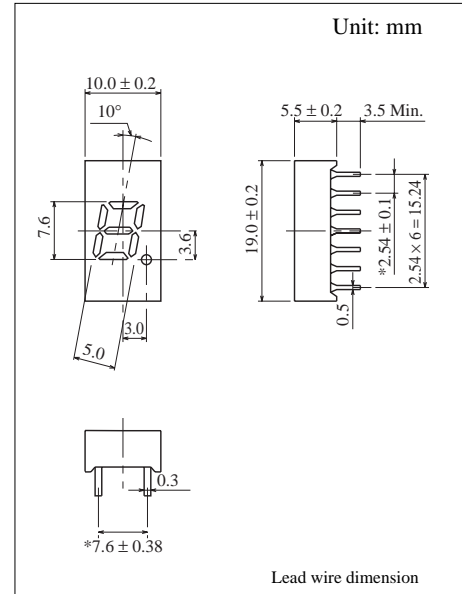
1 Digit 7.6 mm (.3") Series

Conventional Part No.	Global Part No.	Lighting Color
LN513YA	LNM413AA01	Amber
LN513YK	LNM413KA01	Amber
LN513OA	LNM813AA01	Orange
LN513OK	LNM813KA01	Orange

Terminal Connection



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



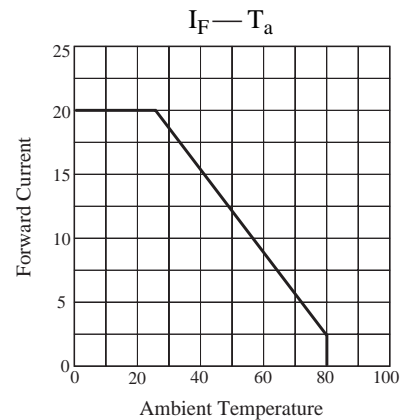
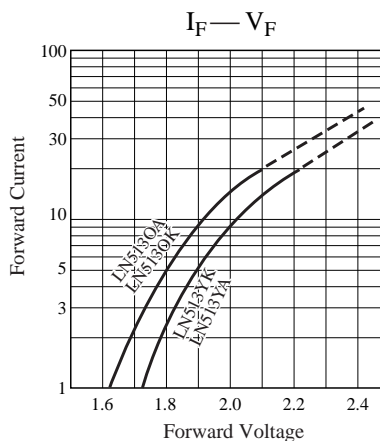
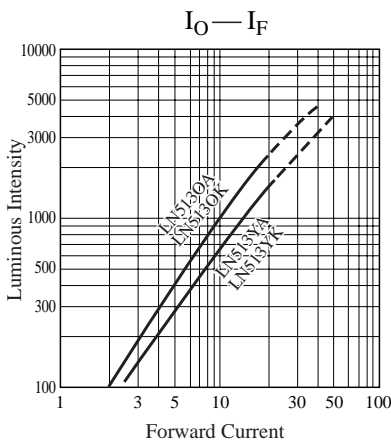
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Amber	60	20	100	5	-25 ~ +80	-30 ~ +85
Orange	60	20	100	3	-25 ~ +80	-30 ~ +85

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

Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Conventional Part No.	Lighting Color	Common	I_O / seg				V_F				λ_p		$\Delta\lambda$		I_R	
			Typ	Min	Typ	I_F	Typ	Max	Typ	Typ	I_F	Max	V_R			
LN513YA	Amber	Anode	600	200	200	10	2.2	2.8	590	30	20	10	5			
LN513YK	Amber	Cathode	600	200	200	10	2.2	2.8	590	30	20	10	5			
LN513OA	Orange	Anode	1000	300	400	10	2.1	2.8	630	40	20	10	3			
LN513OK	Orange	Cathode	1000	300	400	10	2.1	2.8	630	40	20	10	3			
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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