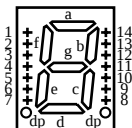


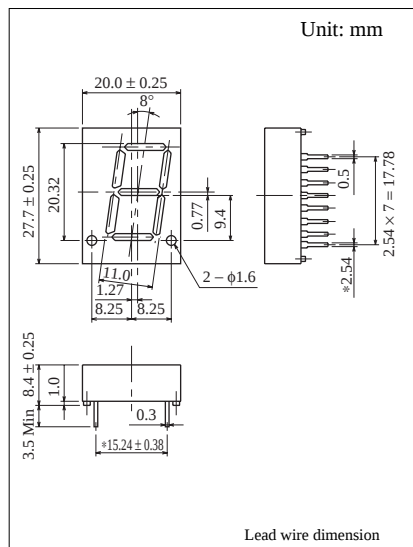
1 Digit 20.32 mm (.8") Series

Conventional Part No.	Global Part No.	Lighting Color
LN518YA	LNM418AA03	Amber
LN518YK	LNM418KA03	Amber
LN518OA	LNM818AA03	Orange
LN518OK	LNM818KA03	Orange

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode a	Anode a
2	Cathode f	Anode f
3	Common Anode	Common Cathode
4	Cathode e	Anode e
5	Common Anode	Common Cathode
6	Cathode dp1	Anode dp1
7	Common Anode	Common Cathode
8	Cathode dp2	Anode dp2
9	Cathode d	Anode d
10	Common Anode	Common Cathode
11	Cathode c	Anode c
12	Cathode g	Anode g
13	Cathode b	Anode b
14	Common Anode	Common Cathode



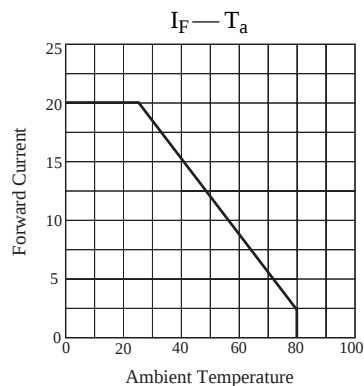
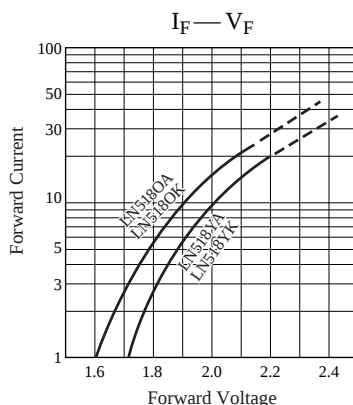
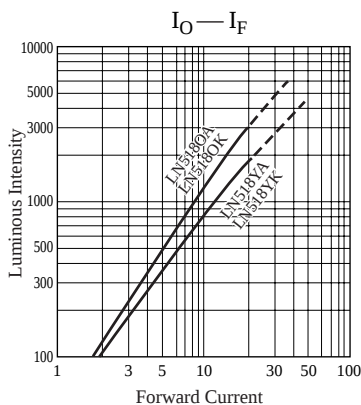
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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		I_O / d.p		V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	Typ	I_F	Typ	Max				Max	V_R
LN518YA	Amber	Anode	800	300	300	10	2.2	2.8	590	30	20	10	5
LN518YK	Amber	Cathode	800	300	300	10	2.2	2.8	590	30	20	10	5
LN518OA	Orange	Anode	1200	300	500	10	2.1	2.8	630	40	20	10	3
LN518OK	Orange	Cathode	1200	300	500	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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