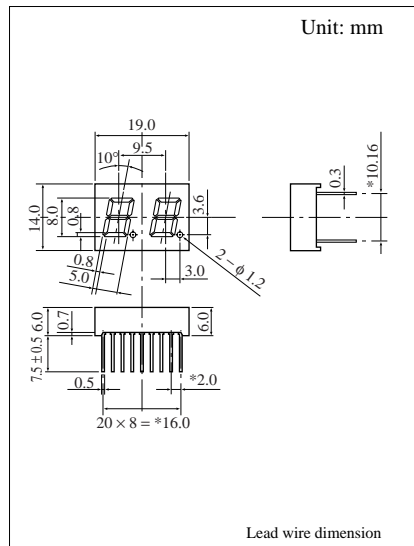


## 2 Digit 8.0 mm (.3") Series

Conventional Part No.	Global Part No.	Lighting Color
LNM223AS01	LNM223AS01	Red
LNM223KS01	LNM223KS01	Red
LNM323AS01	LNM323AS01	Green
LNM323KS01	LNM323KS01	Green
LNM423AS01	LNM423AS01	Amber
LNM423KS01	LNM423KS01	Amber

Pin No.	Assignment	Assignment
1	Cathode e1	Anode e1
2	Cathode d1	Anode d1
3	Cathode c1	Anode c1
4	Cathode dp1	Anode dp1
5	Cathode e2	Anode e2
6	Cathode d2	Anode d2
7	Cathode g2	Anode g2
8	Cathode c2	Anode c2
9	Cathode dp2	Anode dp2

Pin No.	Assignment	Assignment
10	Cathode b2	Anode d2
11	Cathode a2	Anode a2
12	Cathode f2	Anode f2
13	Common Anode D2	Common Cathode D2
14	Common Anode D1	Common Cathode D1
15	Cathode b1	Anode d1
16	Cathode a1	Anode a1
17	Cathode g1	Anode g1
18	Cathode f1	Anode f1

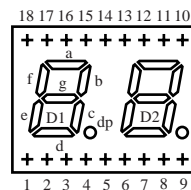


### ■ Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(\text{C}^\circ)$	$T_{stg}(\text{C}^\circ)$
Red	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$
Red	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$
Green	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$
Green	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$
Amber	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$
Amber	40	15	80	5	$-25 \sim +80$	$-30 \sim +85$

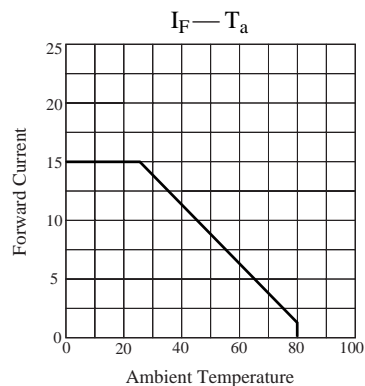
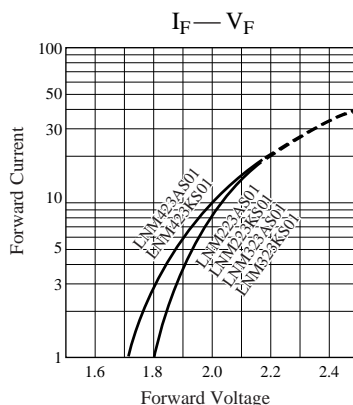
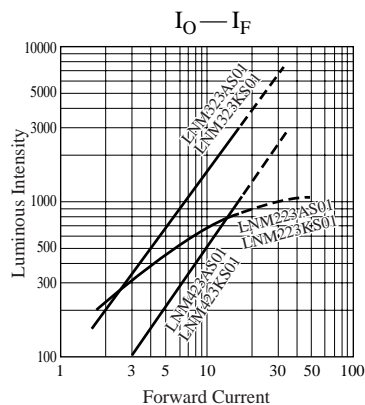
Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec

### Terminal Connection



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

Conventional Part No.	Lighting Color	Common	$I_O$				$V_F$		$\lambda_P$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min	Typ	$I_F$	Typ	Max	Typ	Typ		Max	$V_R$
LNM223AS01	Red	Anode	400	150	150	10	2.03	2.8	700	100	10	10	5
LNM223KS01	Red	Cathode	400	150	150	10	2.03	2.8	700	100	10	10	5
LNM323AS01	Green	Anode	1000	300	300	10	2.03	2.8	565	30	10	10	5
LNM323KS01	Green	Cathode	1000	300	300	10	2.03	2.8	565	30	10	10	5
LNM423AS01	Amber	Anode	600	200	200	10	2.00	2.8	590	30	10	10	5
LNM423KS01	Amber	Cathode	600	200	200	10	2.00	2.8	590	30	10	10	5
Unit	—	—	mcd	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	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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