

1 Digit 25.4 mm (1.0") Series

Conventional Part No. Global Part No. Lighting Color

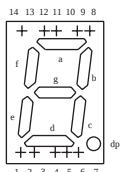
LN5110GAMW LNM311AP03 Green

LN5110GKMW LNM311KP03 Green

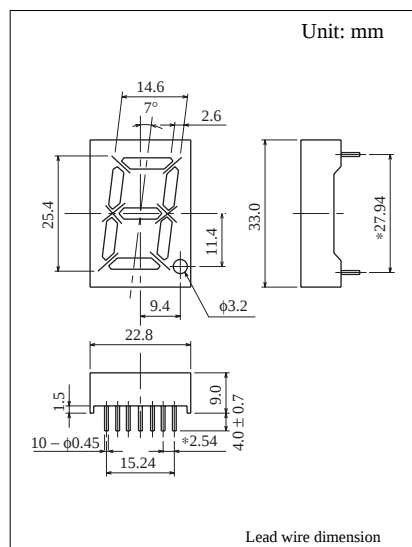
LN5110OAMW LNM811AA03 Orange

LN5110OKMW LNM811KA03 Orange

Terminal Connection



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



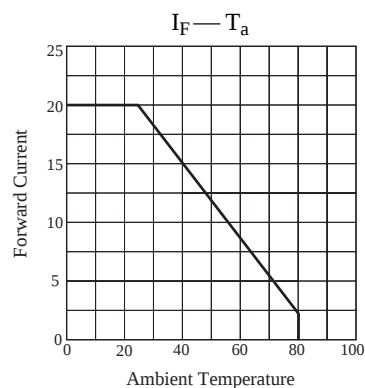
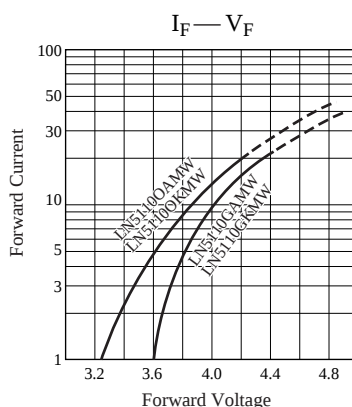
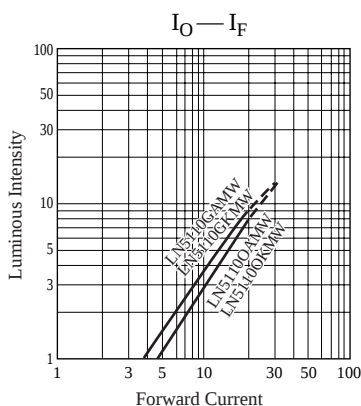
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
Green	110	20	100	5	$-25 \sim +80$	$-30 \sim +85$
Orange	110	20	100	3	$-25 \sim +80$	$-30 \sim +85$

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
LN5110GAMW	Green	Anode	3.5	1.4	1.2	10	4.4	5.6	565	30	20	10	10
LN5110GKMW	Green	Cathode	3.5	1.4	1.2	10	4.4	5.6	565	30	20	10	10
LN5110OAMW	Orange	Anode	3.0	1.2	1.0	10	4.2	5.6	630	40	20	10	6
LN5110OKMW	Orange	Cathode	3.0	1.2	1.0	10	4.2	5.6	630	40	20	10	6
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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