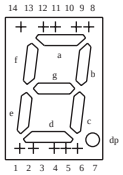
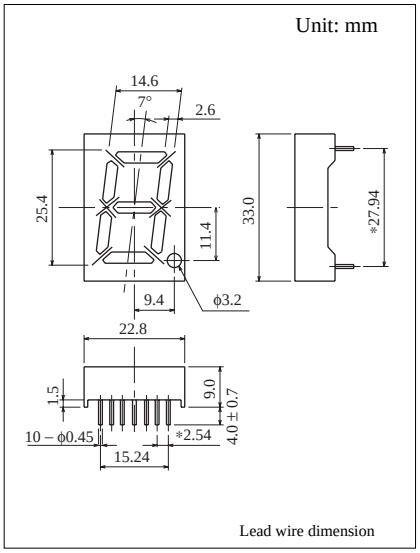
1 Digit 25.4 mm (1.0”) Series

Conventional Part No.	Global Prat 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°C)

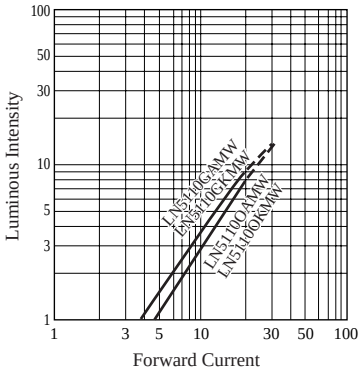
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Green	110	20	100	5	−25 ~ +80	−30 ~ +85
Orange	110	20	100	3	−25 ~ +80	−30 ~ +85

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

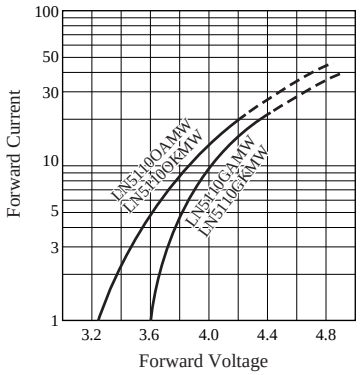
■ Electro–Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Common	I_O / seg		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
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

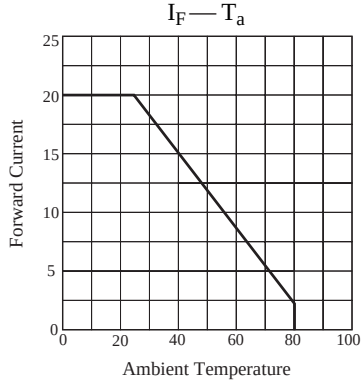
I_O — I_F



I_F — V_F



I_F — T_a



⚠ 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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