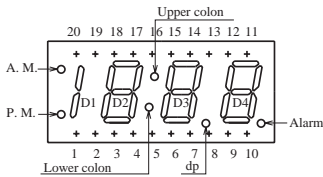


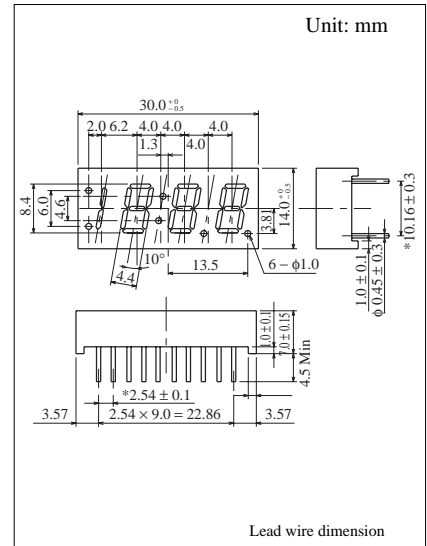
8.4 mm (.3") Series

Conventional Part No.	Global Part No.	Lighting Color
LN5431YAMY	LNM443AP01A	Amber
LN5431YKMY	LNM443KP01A	Amber
LN5431OAMO	LNM843AP01A	Orange
LN5431OKMO	LNM843KP01A	Orange

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode PM	Anode PM
2	Anode Dig1	Cathode Dig1
3	Cathode d	Anode d
4	Cathode c	Anode c
5	Cathode Lower colon	Anode Lower colon
6	Anode Dig3 Lower colon	Cathode Dig3 Lower colon
7	Anode dp	Cathode dp
8	Cathode dp	Anode dp
9	Anode Alarm	Cathode Alarm
10	Cathode Alarm	Anode Alarm
11	Cathode g	Anode g
12	Anode Dig4	Cathode Dig4
13	Cathode b	Anode b
14	Cathode a	Anode a
15	Cathode f	Anode f
16	Cathode Upper colon	Anode Upper colon
17	Anode Dig2 Upper colon	Cathode Dig2 Upper colon
18	Cathode e	Anode e
19	Anode AM, FM	Cathode AM, FM
20	Cathode AM	Anode AM



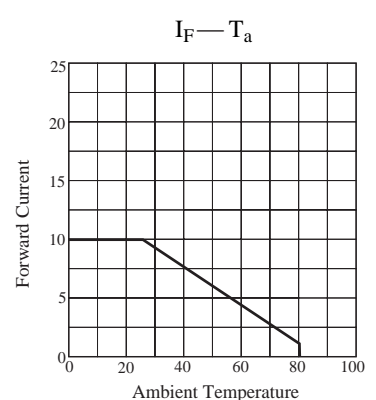
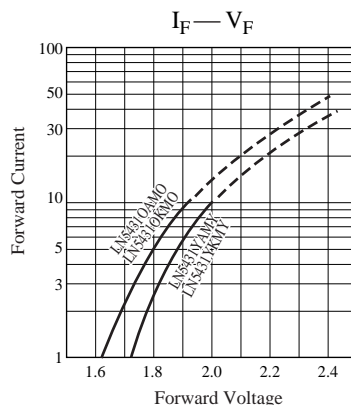
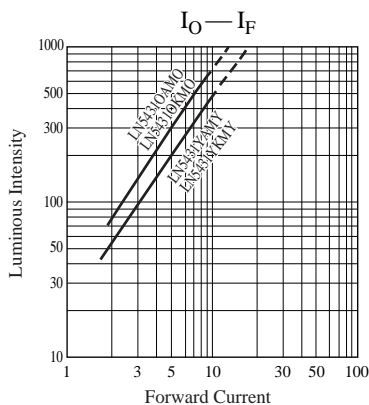
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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	30	10	60	5	-25 ~ +80	-30 ~ +85
Orange	30	10	60	5	-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_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R		
			Typ	Min		Typ	Typ				Max	Max	V_R
LN5431YAMY	Amber	Anode	500	200	200	10	2.00	2.8	590	30	10	10	5
LN5431YKMY	Amber	Cathode	500	200	200	10	2.00	2.8	590	30	10	10	5
LN5431OAMO	Orange	Anode	800	400	200	10	1.93	2.8	630	40	10	10	3
LN5431OKMO	Orange	Cathode	800	400	200	10	1.93	2.8	630	40	10	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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