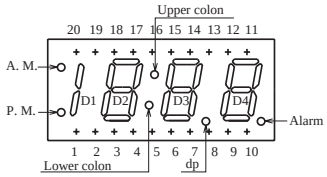
8.4 mm (.3”) Series

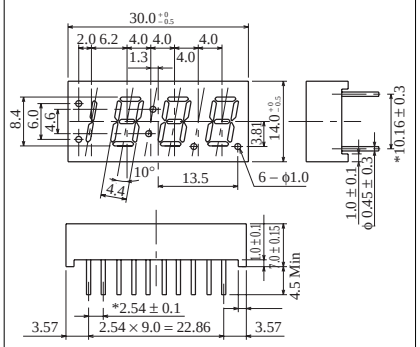
Conventional Part No.	Global Prat No.	Lighting Color
LN5431YAMY	LNM443AP01A	Amber
LN5431YKMY	LNM443KP01A	Amber
LN5431OAMO	LNM843AP01A	Orange
LN5431OKMO	LNM843KP01A	Orange

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

Unit: mm



Lead wire dimension

■ Absolute Maximum Ratings (T_a = 25°C)

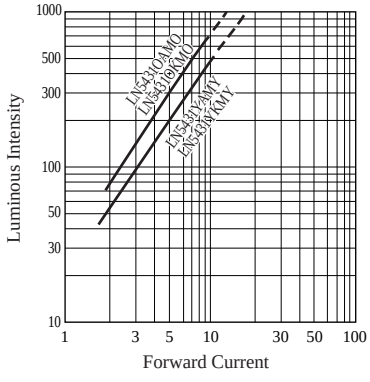
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Amber	30	10	60	5	−25 ~ +80	−30 ~ +85
Orange	30	10	60	5	−25 ~ +80	−30 ~ +85

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

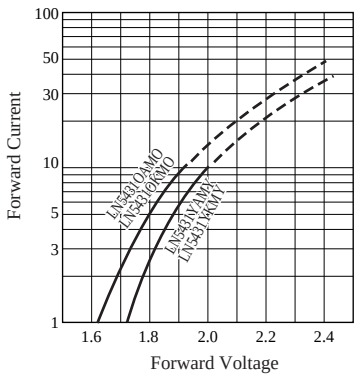
■ Electro–Optical Characteristics (T_a = 25°C)

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
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

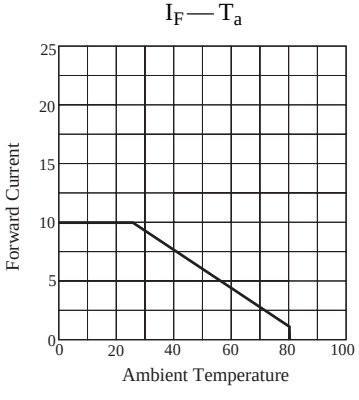
I_O — I_F



I_F — V_F



I_F — T_a



⚠ Caution for Safety

⚠ DANGER

Gallium arsenide material (GaAs) is used in this product.

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