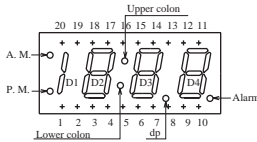


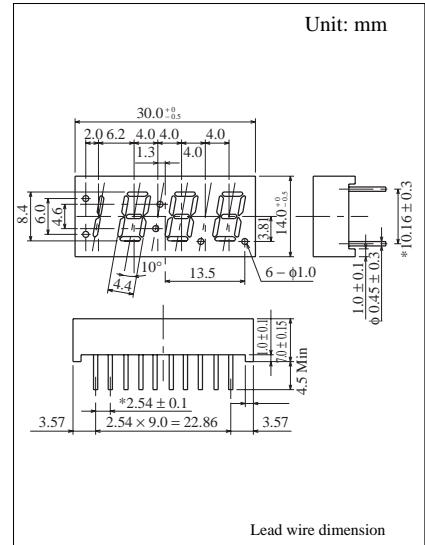
8.4 mm (.3") Series

Conventional Part No. Global Part No. Lighting Color
 LN5431RAMR LNM243AP01A Red
 LN5431RKMR LNM243KP01A Red
 LN5431GAMG LNM343AP01A Green
 LN5431GKMG LNM343KP01A Green

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



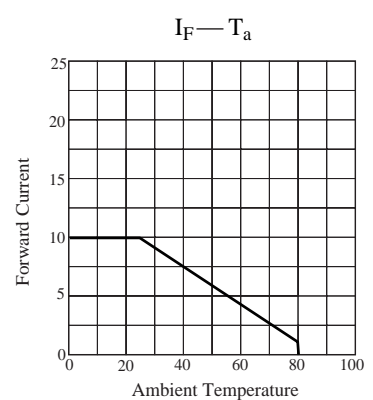
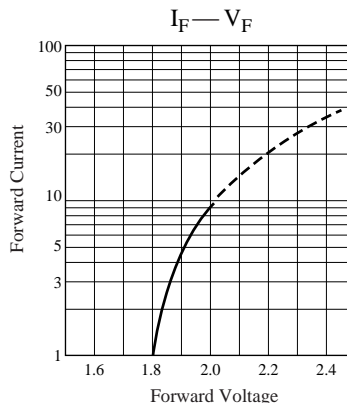
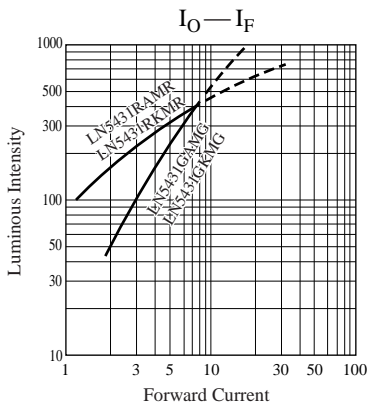
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	30	10	60	5	-25 ~ +80	-30 ~ +85
Green	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_O / d.p	I_F	V_F		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min			Typ	Typ				Max	Max
LN5431RAMR	Red	Anode	300	150	150	5	2.03	2.8	700	100	10	10	5
LN5431RKMR	Red	Cathode	300	150	150	5	2.03	2.8	700	100	10	10	5
LN5431GAMG	Green	Anode	500	200	200	10	2.03	2.8	565	30	10	10	5
LN5431GKMG	Green	Cathode	500	200	200	10	2.03	2.8	565	30	10	10	5
Unit	—	—	μcd	μcd	μcd	mA	V	V	nm	nm	mA	μA	V



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