

# Numeric Display

## 4 Digit 7.3 mm (.3") Series

Conventional Part No. Global Part No. Lighting Color

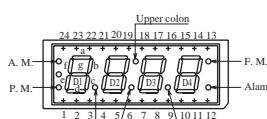
LN543RAN8 ..... LNM243AT01 ..... Red

LN543RKN8 ..... LNM243KT01 ..... Red

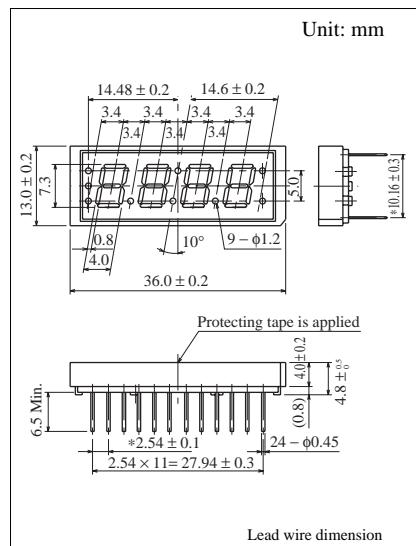
LN543GAN8 ..... LNM343AT01 ..... Green

LN543GKN8 ..... LNM343KT01 ..... Green

### Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode PM	Anode PM
2	Anode Cathode Dig1	Cathode Anode Dig1
3	Cathode d	Anode d
4	Anode dp1	Anode dp1
5	Anode Cathode Dig2	Cathode Anode Dig2
6	Cathode Lower colon	Anode Lower colon
7	Cathode Upper colon	Anode Upper colon
8	Anode Dig3	Cathode Dig3
9	Cathode dp2	Anode dp2
10	Anode Dig4	Cathode Dig4
11	Cathode e	Anode e
12	Cathode Alarm	Anode Alarm
13	Anode FM. Alarm	Cathode FM. Alarm
14	Cathode FM	Anode FM
15	Cathode a	Anode a
16	Anode dp2	Cathode dp2
17	Anode Lower colon	Cathode Lower colon
18	Cathode f	Anode f
19	Cathode b	Anode b
20	Cathode c	Anode c
21	Anode dp1	Cathode dp1
22	Cathode g	Anode g
23	Cathode AM	Anode AM
24	Anode AM, FM	Cathode AM, FM



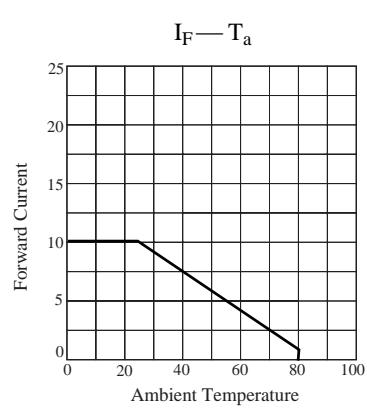
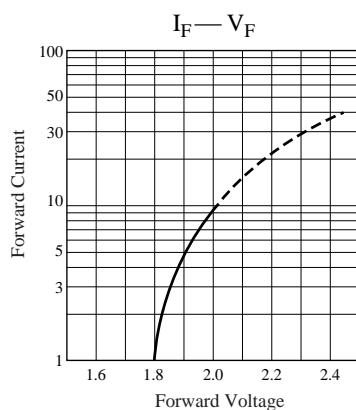
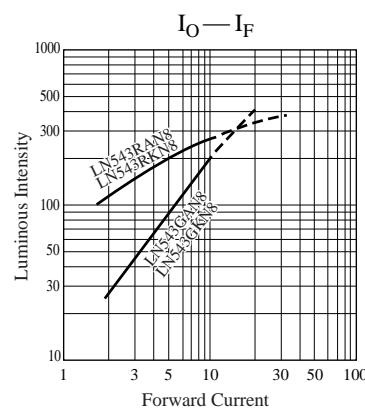
### Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(\text{°C})$	$T_{stg}(\text{°C})$
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	$I_O / \text{seg.}$			$V_F$			$\lambda_P$			$\Delta\lambda$			$I_R$	$V_R$
			Typ	Min	Typ	Typ	Max	Typ	Typ	Typ	Typ	Max	V	Max	$\mu\text{A}$	V
LN543RAN8	Red	Anode	200	100	100	5	2.03	2.8	700	100	10	10	10	5		
LN543RKN8	Red	Cathode	200	100	100	5	2.03	2.8	700	100	10	10	10	5		
LN543GAN8	Green	Anode	200	80	80	10	2.03	2.8	565	30	10	10	10	5		
LN543GKN8	Green	Cathode	200	80	80	10	2.03	2.8	565	30	10	10	10	5		
Unit	—	—	$\mu\text{cd}$	$\mu\text{cd}$	$\mu\text{cd}$	mA	V	V	nm	nm	mA	$\mu\text{A}$	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.

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