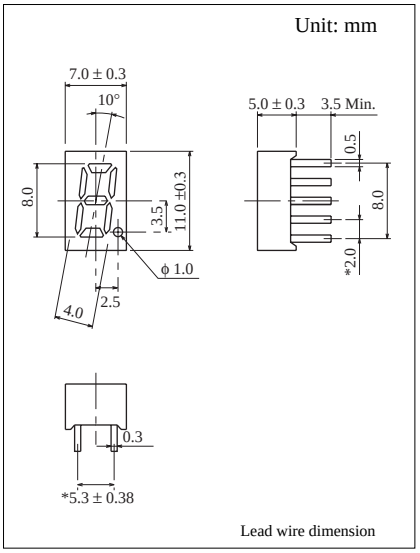
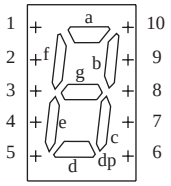
1 Digit 8.0 mm (.3") Series



Conventional Part No.	Global Prat No.	Lighting Color
LN513RAM	LNM213AM01B	Red
LN513RKM	LNM213KM01B	Red
LN513GAM	LNM313AM01	Green
LN513GKM	LNM313KM01	Green

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode a	Anode a
2	Cathode f	Anode f
3	Cathode g	Anode g
4	Cathode e	Anode e
5	Cathode d	Anode d
6	Cathode dp	Cathode dp
7	Anode dp	Anode dp
8	Cathode c	Anode c
9	Common Anode	Common Cathode
10	Cathode b	Anode b

■ Absolute Maximum Ratings (T_a = 25°C)

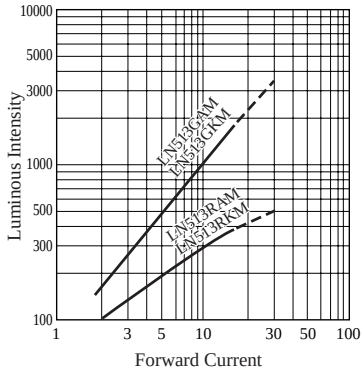
Lighting Color	P_D(mW)	I_F(mA)	I_{FP}(mA)*	V_R(V)	T_{opr}(°C)	T_{stg}(°C)
Red	40	15	80	5	−25 ~ +80	−30 ~ +85
Green	40	15	80	5	−25 ~ +80	−30 ~ +85

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

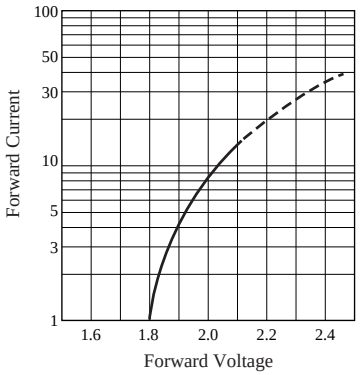
■ Electro−Optical Characteristics (T_a = 25°C)

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
LN513RAM	Red	Anode	200	70	70	5	2.1	2.8	700	100	10	10	5
LN513RKM	Red	Cathode	200	70	70	5	2.1	2.8	700	100	10	10	5
LN513GAM	Green	Anode	1000	300	300	10	2.1	2.8	565	30	10	10	5
LN513GKM	Green	Cathode	1000	300	300	10	2.1	2.8	565	30	10	10	5
Unit	—	—	µcd	µcd	µcd	mA	V	V	nm	nm	mA	µA	V

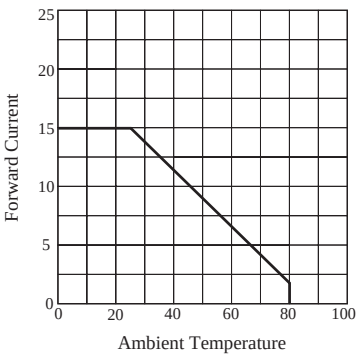
I_O — I_F



I_F — V_F



I_F — T_a



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