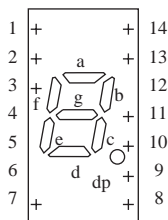


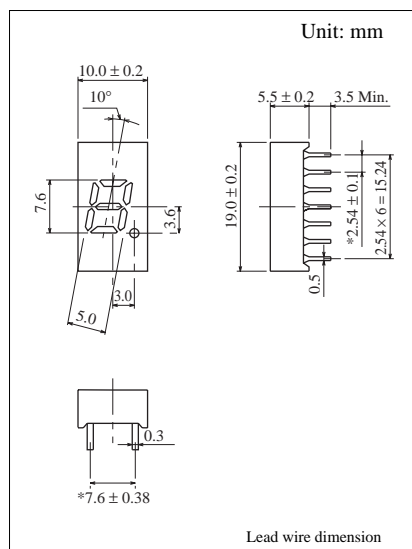
1 Digit 7.6 mm (.3") Series

Conventional Part No.	Global Part No.	Lighting Color
LN513RA	LN513AA01	Red
LN513RK	LN513KA01	Red
LN513GA	LN513AA01	Green
LN513GK	LN513KA01	Green

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode a	Anode a
2	Cathode f	Anode f
3	Common Anode	Common Cathode
4	—	—
5	—	—
6	—	—
7	Cathode e	Anode e
8	Cathode d	Anode d
9	Cathode dp	Anode dp
10	Cathode c	Anode c
11	Cathode g	Anode g
12	—	—
13	Cathode b	Anode b
14	Common Anode	Common Cathode



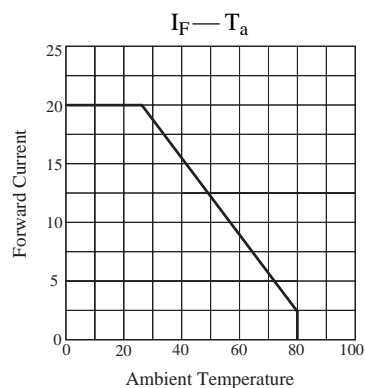
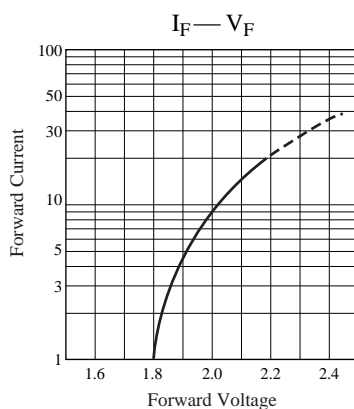
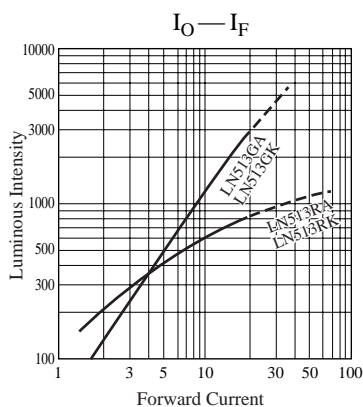
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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	60	20	100	5	-25 ~ +80	-30 ~ +85
Green	60	20	100	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	V_R
LN513RA	Red	Anode	400	150	150	5	2.2	2.8	700	100	20	10	5
LN513RK	Red	Cathode	400	150	150	5	2.2	2.8	700	100	20	10	5
LN513GA	Green	Anode	1200	400	400	10	2.2	2.8	565	30	20	10	5
LN513GK	Green	Cathode	1200	400	400	10	2.2	2.8	565	30	20	10	5
Unit	—	—	μcd	μcd	μcd	mA	V	V	nm	nm	mA	μA	V



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