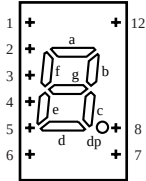


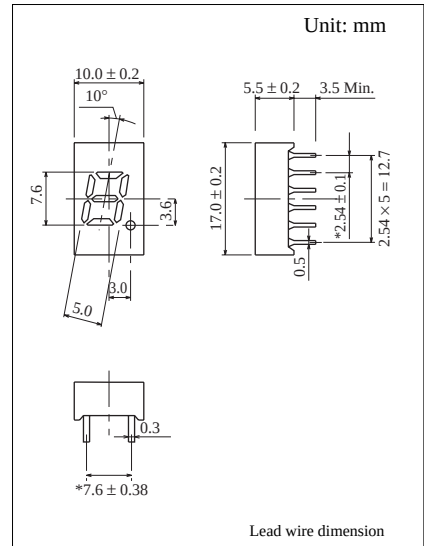
1 Digit 7.6 mm (.3") Series

Conventional Part No.	Global Part No.	Lighting Color
LN513RAS	LNM213AS01	Red
LN513RKS	LNM213KS01	Red
LN513GAS	LNM313AS01	Green
LN513GKS	LNM313KS01	Green

Terminal Connection



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



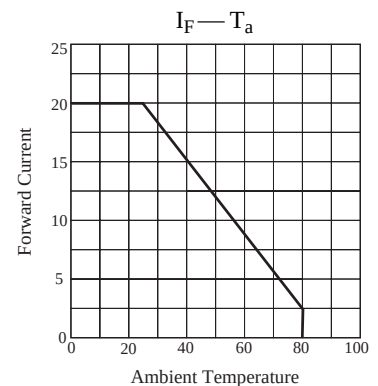
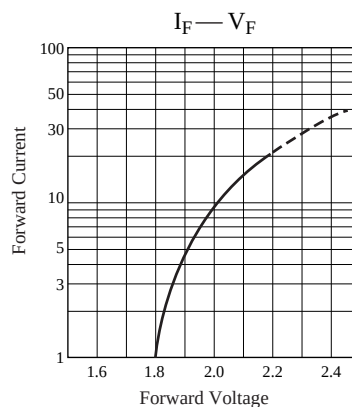
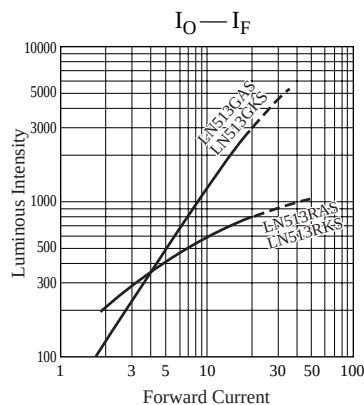
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
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		$I_O / \text{d.p.}$	I_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	Typ		Typ	Max				Max	V_R
LN513RAS	Red	Anode	400	150	150	5	2.2	2.8	700	100	20	10	5
LN513RKS	Red	Cathode	400	150	150	5	2.2	2.8	700	100	20	10	5
LN513GAS	Green	Anode	1200	400	400	10	2.2	2.8	565	30	20	10	5
LN513GKS	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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