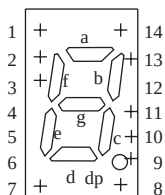


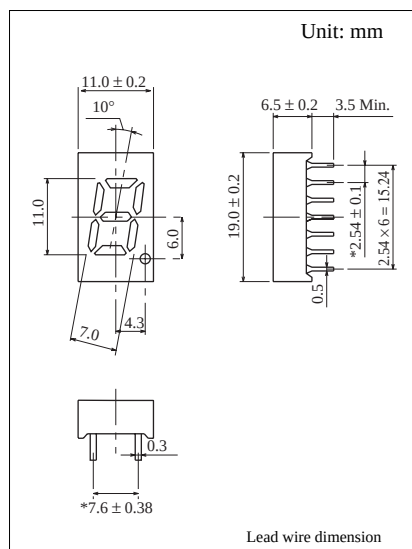
1 Digit 11.0 mm (.4") Series

Conventional Part No.	Global Part No.	Lighting Color
LN514RA	LNM214AA01	Red
LN514RK	LNM214KA01	Red
LN514GA	LNM314AA01	Green
LN514GK	LNM314KA01	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



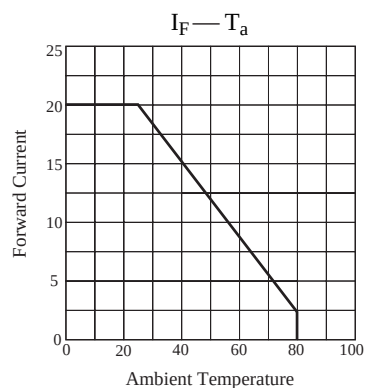
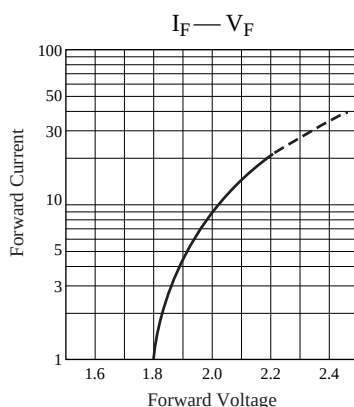
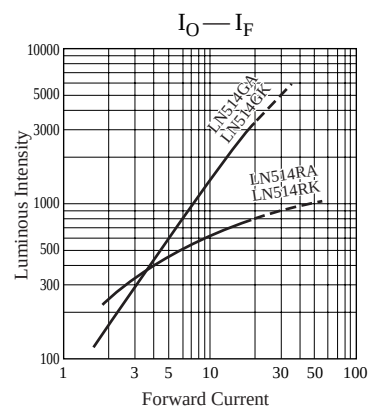
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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		V_F		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min	Typ	I_F	Typ	Max				Max	V_R
LN514RA	Red	Anode	450	150	150	5	2.2	2.8	700	100	20	10	5
LN514RK	Red	Cathode	450	150	150	5	2.2	2.8	700	100	20	10	5
LN514GA	Green	Anode	1500	500	500	10	2.2	2.8	565	30	20	10	5
LN514GK	Green	Cathode	1500	500	500	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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