## 1 Digit 11.0 mm (.4") Series

 Conventional Part No.
 Global Prat No.
 Lighting Color

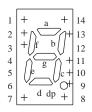
 LN514RA
 LNM214AA01
 Red

 LN514RK
 LNM214KA01
 Red

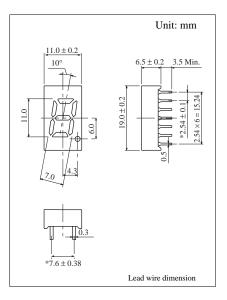
 LN514GA
 LNM314AA01
 Green

 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				



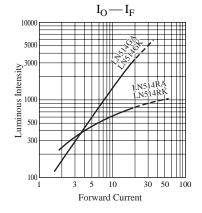
### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

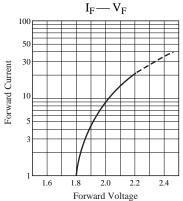
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	
Red	60	20	100	5	<b>−25 ~ +80</b>	<b>−30</b> ~ <b>+85</b>	
Green	60	20	100	5	<b>−25 ~ +80</b>	−30 ~ +85	

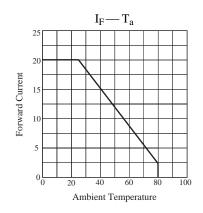
Pulse width 1 msec. The condition of  $I_{\text{FP}}$  is duty 10%, Pulse width 1 msec

## $\blacksquare$ Electro–Optical Characteristics (T<sub>a</sub> = 25°C)

Conventional	Lighting	Common	I <sub>O</sub> /	seg	I <sub>O</sub> /d.p		V	' <sub>F</sub>	$\lambda_{P}$	Δλ		I <sub>F</sub>	₹
Part No.	Color		Тур	Min	Тур	$I_{F}$	Тур	Max	Тур	Тур	IF	Max	V <sub>R</sub>
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	μΑ	V







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