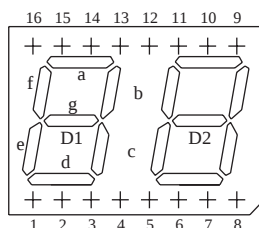


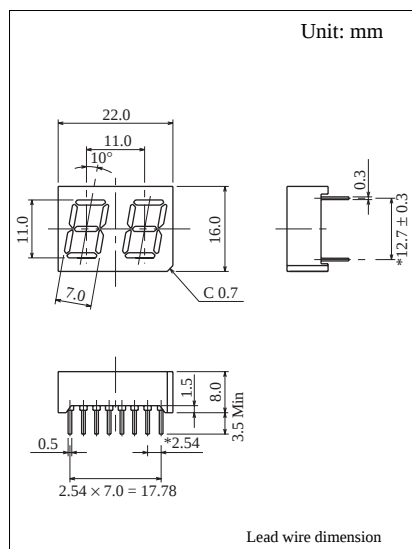
2 Digit 11.0mm (.4") Series

Conventional Part No.	Global Part No.	Lighting Color
LN524YAS	LNM424AS01D	Amber
LN524YKS	LNM424KS01D	Amber
LN524OAS	LNM824AS01D	Orange
LN524OKS	LNM824KS01D	Orange

Terminal Connection



Pin No.	Assignment	Assignment
1	Cathode c1	Anode c1
2	Cathode e1	Anode e1
3	Cathode d1	Anode d1
4	Common Anode D1	Common Cathode D1
5	Common Anode D2	Common Cathode D2
6	Cathode d2	Anode d2
7	Cathode e2	Anode e2
8	Cathode c2	Anode c2
9	Cathode g2	Anode g2
10	Cathode a2	Anode a2
11	Cathode f2	Anode f2
12	Cathode b2	Anode b2
13	Cathode b1	Anode b1
14	Cathode f1	Anode f1
14	Cathode a1	Anode a1
14	Cathode g1	Anode g1



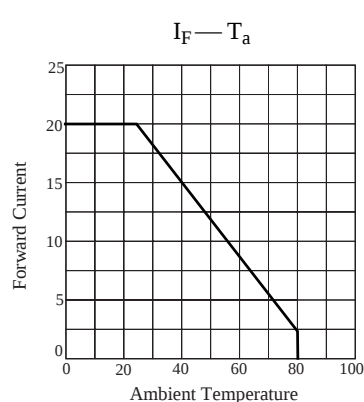
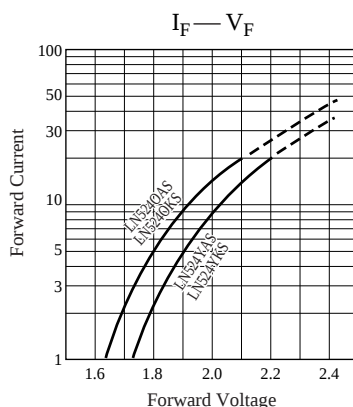
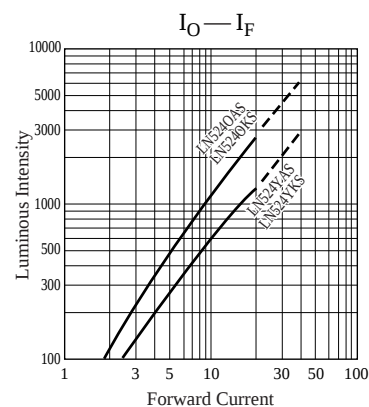
Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(\text{C})$	$T_{stg}(\text{C})$
Amber	60	20	100	5	-25 ~ +80	-30 ~ +85
Orange	60	20	100	3	-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		$I_O/d.p$		V_F		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min	Typ	I_F	Typ	Max				Max	V_R
LN524YAS	Amber	Anode	600	200	—	10	2.2	2.8	590	30	20	10	5
LN524YKS	Amber	Cathode	600	200	—	10	2.2	2.8	590	30	20	10	5
LN524OAS	Orange	Anode	1200	300	—	10	2.1	2.8	630	40	20	10	3
LN524OKS	Orange	Cathode	1200	300	—	10	2.1	2.8	630	40	20	10	3
Unit	—	—	μcd	μcd	μcd	mA	V	V	nm	nm	mA	μA	V



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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