

LO568NRB2-80Q-A

Features

5mm Oval Lens
No Stand Offs
White Diffused Lens
Blue/Red Bi-Color LED

Applications

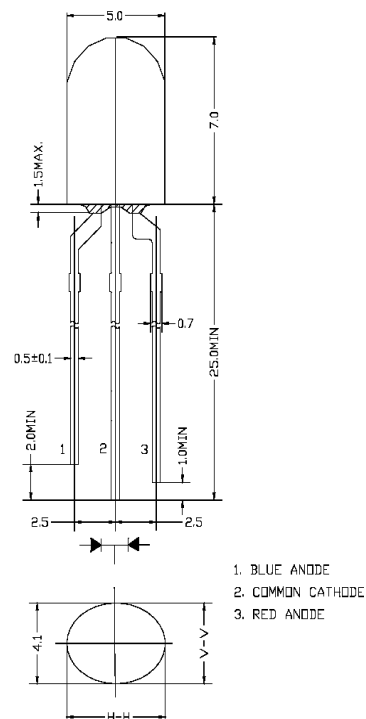
Variable Message Signs
Message Board

Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.		Unit
		TBL	AHR	
Forward Current	I _F	25	50	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	105.00	125.00	mW
Operating Temperature	T _{opr}	-40 ~ +95	-40 ~ +95	°C
Storage Temperature	T _{stg}	-40 ~ +100	-40 ~ +100	°C
Soldering Temperature	T _{sol}	260	260	°C
Soldering Time	-	for 3 sec. max	for 3 sec. max	-

Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min		Typ		Max		Unit
			TBL	AHR	TBL	AHR	TBL	AHR	
Forward Voltage	V _F	I _F =20mA	-	-	3.60	2.00	4.20	2.50	V
Reverse Current	I _R	V _R =5V	-	-	-	-	100	100	μA
Luminous Intensity	I _v	I _F =20mA	52.00	102.00	120.00	200.00	-	-	mcd
Viewing Angle	2θ ^{1/2}	-	-	-	80° x 60°	80° x 60°	-	-	deg.
Peak Wavelength	λ _p	I _F =20mA	-	-	465	632	-	-	nm
Dominant Wavelength	λ _d	I _F =20mA	-	-	470	624	-	-	nm
Spectral Line Half Width	Δλ	I _F =20mA	-	-	26	20	-	-	nm



NOTES: 1. ALL DIMENSIONS ARE IN mm TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2. AN EPOXY MENISCUS MAY EXTEND ABOUT 1.5mm DOWN THE LEADS.
3. BURR AROUND BOTTOM OF EPOXY MAY BE 0.5 mm MAX.

LO568NRB2-80Q-A Graphs

