



Half Outdoor Displays

Feature

- 8*8 Half outdoor Display
- Tinted Diffused
- Low power/high brightness

Applications

RED GREEN

Half outdoor display
Two color Signboard

Absolute Maximum Ratings

Parameter	Symbol	Value	Unit
		H-2088DSG-L	
Forward Current	IF	25	mA
Peak Forward Current	IFP	100	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-20 to +65	°C
Storage Temperature	Tstg	-30 to +80	°C
Soldering Temperature	Tsld	260±5	°C

Note: *1:IFP Conditions --- Pulse Width ≤ 1msec and Duty ≤ 1/10.

*2:Soldering time ≤ 5 seconds.

Characteristics

(Ta = 25°C)

H-2088DSG-L	Symbol	Conditions	Min.	Typ.	Max.	Unit	
Luminous Intensity *	Iv	R	IF=20mA	200	-	800	mcd
		G	IF=20mA	180	-	750	
		mixed Color	IF=20mA	300	-	1200	
Reverse Current*	IR	VR=5V	-	-	10	μA	
Forward Voltage*	VF	R	IF=20mA	-	2.0	2.4	V
		G	IF=20mA	-	2.2	2.5	
Dominant Wavelength	λd	R	IF=20mA	610	-	630	nm
		G	IF=20mA	565	-	575	

Note:* One pixel dot

Outline Dimensions

(Unit:mm)

