



Absolute Maximum Ratings

Parameter	Symbol	Value		Unit
		1588BSG	1288DSG	
Forward Current	IF	25	25	mA
Peak Forward Current	IFP	100	100	mA
Reverse Voltage	VR	5		V
Operating Temperature	T _{opr}	-20 to +65		°C
Storage Temperature	T _{stg}	-30 to +80		°C
Soldering Temperature	T _{slid}	260±5		°C

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

*2:Soldering time ≒ 5 seconds.

Dot Matrix Displays

Feature

- 8*8 Dot matrix Display
- Water Clear
- Low power/high brightness

Applications

RED GREEN

Indoor LED Display

Characteristics

(Ta = 25°C)

1588BSG	Symbol	Conditions	Min.	Typ.	Max.	Unit	
Luminous Intensity *	I _v	R	IF=20mA	70	-	210	mcd
		G	IF=20mA	80	-	240	
		mixed Color	IF=20mA	120	-	360	
Reverse Current	I _R	VR=5V	-	-	10	μA	
Forward Voltage	V _F	R	IF=20mA	-	1.9	2.3	V
		G	IF=20mA	-	2.1	2.5	
Dominant Wavelength	λ _d	R	IF=20mA	610	-	630	nm
		G	IF=20mA	565	-	575	

1288DSG	Symbol	Conditions	Min.	Typ.	Max.	Unit	
Luminous Intensity *	I _v	R	IF=20mA	60	-	180	mcd
		G	IF=20mA	70	-	210	
		mixed Color	IF=20mA	110	-	310	
Reverse Current*	I _R	VR=5V	-	-	10	μA	
Forward Voltage	V _F	R	IF=20mA	-	1.9	2.4	V
		G	IF=20mA	-	2.1	2.5	
Dominant Wavelength	λ _d	R	IF=20mA	610	-	630	nm
		G	IF=20mA	565	-	575	

Outline Dimensions

(Unit:mm) Note:* One emitting dot

