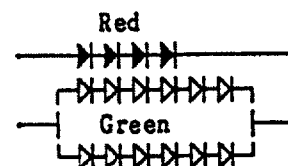


DUAL COLOR LED PIXEL

FEATURES

- 27mm Square Light Source Suitable for 30 mm pitch Setting
- Including High Bright LED Lamp
 - 4pcs of Red (4 Series)
 - 12pcs of Green (6 series, 2 Parallel)
- Suitable Viewing Angle for Large Sized Message Board
 - (± 15 deg)



MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (DC)	I_F	(NOTE.1)	mA
Reverse Voltage	V_R	16	V
Power Dissipation	P_D	1300	V
Operating Temperature Range	T_{opr}	-30~75	°C
Storage Temperature Range	T_{strg}	-30~75	°C

(NOTE.1)

FIG.1 SHOWS THE BALANCE OF RED & GREEN.

ELECTRO-OPTICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC		SYMBOL	TEST CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	Red	V_{F-R}	$I_F = 20\text{mA/Line}$	-	7.2	9.6	V
	Green	V_{F-G}	$I_F = 40\text{mA/Line}$	-	12.6	16.8	
Reverse Current		I_R	$V_R = 16\text{V}$	-	-	100	μA
Luminous Intensity	Red	I_V-R	$I_F = 20\text{mA/Line}$	(1.5)	3.3	-	cd
	Green	I_V-G	$I_F = 40\text{mA/Line}$	(0.8)	150	-	
Peak Emission Wave Length	Red	λ_p-R	$I_F = 20\text{mA/Line}$	-	660	-	nm
	Green	λ_p-G	$I_F = 40\text{mA/Line}$	-	567	-	
Spectral Line Half Width	Red	$\lambda_{\Delta-R}$	$I_F = 20\text{mA/Line}$	-	25	-	nm
	Green	$\lambda_{\Delta-G}$	$I_F = 40\text{mA/Line}$	-	25	-	

