LED Lamp TLMP921

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
 - (±15deg)

MAXIMUM RATINGS (Ta = 25°C)

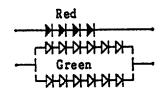
CHARACTERISTIC	SYMBOL	RATING	UNIT	
Forward Current (DC)	lF	(NOTE.1)	mA	
Reverse Voltage	V _R	16	٧	
Power Dissipation	P _D	1300	V	
Operating Temperature Range	T _{opr}	-30~75	[₽] C	
Storage Temperature Range	T _{strg}	-30~75	ºC	

(NOTE.1)

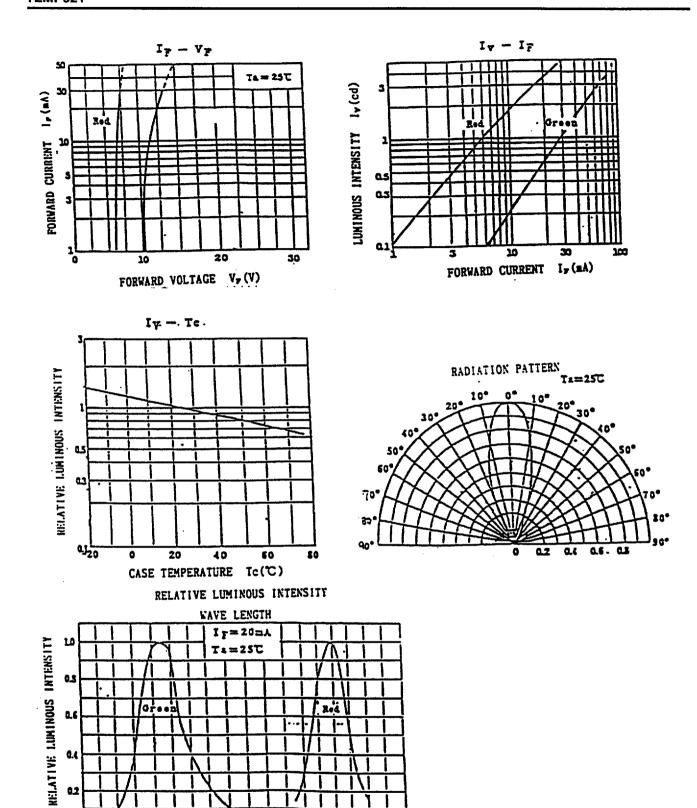
FIG.1 SHOWS THE BALANCE OF RED & GREEN.

ELECTRO-OPTICAL CHARACTERISTICS (Ta = 25°C)

CHARACTERISTIC		SYMBOL	TEST CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage	Red	V _F -R	I _F =20mA/Line	-	7.2	9.6	٧
	Green	V _F -G	I _F =40mA/Line		12.6	16.8	
Reverse Current		I _R	V _R =16V	-	-	100	μΑ
Luminous Intensity	Red	l _V R	I _F =20mA/Line	(1.5)	3.3	-	cd
	Green	l√G	I _F =40mA/Line	(8.0)	150	-	
Peak Emission Wave Length	Red	λ _p -R	I _F =20mA/Line	-	660	-	nm
	Green	λ _p -G	I _F =40mA/Line	-	567	-	
Spectral Line Half Width	Red	$λ_{\Delta}$ -R	I _F =20mA/Line	•	25	-	nm
	Green	$λ_{\Delta}$ -G	I _F =40mA/Line	-	25	•	



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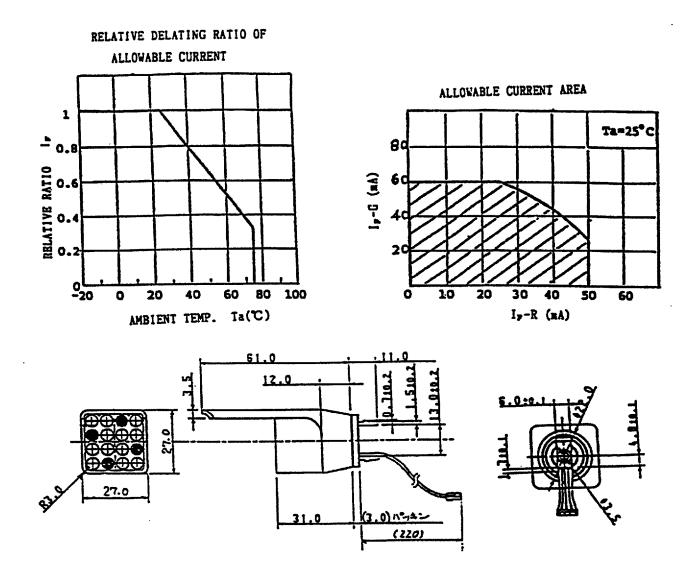
700

640

600

WAVE LENGTH & (na)

560



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