

LO5SMTBL4-B0G-A1

Features

All Plastic Mold Type
 High Luminous Intensity
 Low Current Requirement
 Tinted Diffused Lens
 Wide Viewing Angle of 110° x 50°

Applications

Full Color Displays

Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I _F	25	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	100.00	mW
Operating Temperature	T _{opr}	-40 ~ +95	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Soldering Temperature	T _{sol}	260	°C
Soldering Time	-	for 3 sec. max	-

Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F =20mA	-	3.40	4.00	V
Reverse Current	I _R	V _R =5V	-	-	100	μA
Luminous Intensity	I _v	I _F =20mA	280.00	500.00	-	mcd
Viewing Angle	2θ ^{1/2}	-	-	110° x 50°	-	deg.
Peak Wavelength	λ _p	I _F =20mA	-	465	-	nm
Dominant Wavelength	λ _d	I _F =20mA	-	470	-	nm
Spectral Line Half Width	Δλ	I _F =20mA	-	26	-	nm

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