



Features

- 3.2x2.4mm SMT LED, 2.4mm THICKNESS.
- LOW POWER CONSUMPTION.
- IDEAL FOR BACKLIGHT AND INDICATOR.
- VARIOUS COLORS AND LENS TYPES AVAILABLE.
- PACKAGE : 1500PCS / REEL.

Description

The Green source color devices are made with InGaAlP on GaAs substrate Light Emitting Diode.

Operating/Storage Temperature: -40° C To +85° C



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PART NO. LED-VGR-24		CHECKED BY CY		TOLERANCES ARE .X ± 0.2 .XX ± .XXX ± AWG	DESCRIP TION:			
DWG NO. LED-VGR-24		DRAWING BY						
FILE NO.		PROJECTION		AREA	REVISIONS	HK	DATE	
UNIT / mm	SCALE 1:1							

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 20 mA		Viewing Angle
			Min.	Typ.	θ1/2
LED-VGR-24	GREEN (InGaAlP)	WATER CLEAR	180	550	20°

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	Green	574		nm	I _F =20mA
λ _D	Dominate Wavelength	Green	570		nm	I _F =20mA
Δλ _{1/2}	Spectral Line Half-width	Green	20		nm	I _F =20mA
C	Capacitance	Green	15		pF	V _F =0V;f=1MHz
V _F	Forward Voltage	Green	2.1	2.5	V	I _F =20mA
I _R	Reverse Current	Green		10	uA	V _R = 5V



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