

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 Super Bright Yellow source color devices are made with DH InGaAlP on GaAs substrate Light Emitting Diode.

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

MORE THAN ALL
CONNECTORS
ASSEMBLIES

PART NO. **LED-VYL-24**

DWG NO. **LED-VYL-24**

FILE NO.

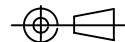
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2
.XX ±
.XXX ±
AWG

DESCRIPTION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 20 mA		Viewing Angle
			Min.	Typ.	θ1/2
LED-VYL-24	SUPER BRIGHT YELLOW (InGaAlP)	WATER CLEAR	110	600	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	Super Bright Yellow	590		nm	I _F =20mA
λ _D	Dominate Wavelength	Super Bright Yellow	590		nm	I _F =20mA
Δλ _{1/2}	Spectral Line Half-width	Super Bright Yellow	20		nm	I _F =20mA
C	Capacitance	Super Bright Yellow	20		pF	V _F =0V;f=1MHz
V _F	Forward Voltage	Super Bright Yellow	2.0	2.5	V	I _F =20mA
I _R	Reverse Current	Super Bright Yellow		10	μA	V _R = 5V

MORETHANALL
CONNECTORS
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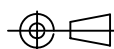
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