

SE-23-44B/R/Y/G-SD

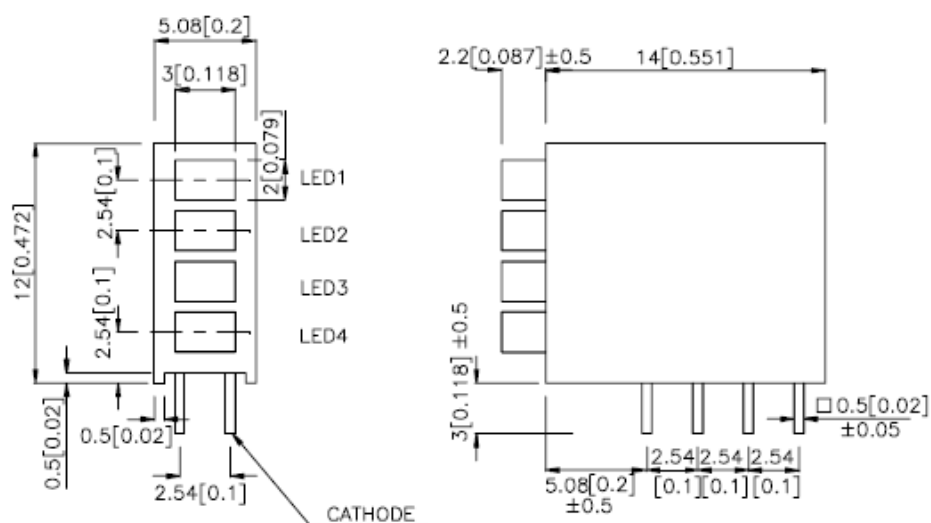
Quad Design, Black case

UL-Rating: 94V-0

Housing material: Type 66 Nylon

Package Dimensions

ROHS Compliant



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}$ (.01") unless otherwise noted.
3. Lead spacing is measured where the leads emerge package.
4. Specifications are subject to change without notice.
5. Led1 = blue, Led2 = red, Led3 = yellow, Led4 = green

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol		Typ.		Unit	Test Condition
Average Luminous Intensity b/r/y/g	IV	35	120	70/35	mcd	IF = 20mA
Peak Emission Wavelength b/r/y/g	λP	468	640	590/574	nm	IF = 20mA
Dominant Wavelength b/r/y/g	λd	470	628	588/570	nm	IF = 20mA
Spectral Line Half-Width b/r/y/g	$\Delta \lambda$	25	27	28/20	nm	IF = 20mA
Forward Voltage b/r/y/g	VF	3,65	1.9	2.0/2.1	V	IF = 20mA
Reverse Current	IR			100	μA	VR = 5V
Viewing Angle			100°			

Absolute Maximum Ratings at TA=25°C

Parameter	Maximum Rating	Unit
Power Dissipation	102/170/125/105	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	160/185/150/150	mA
Continuous Forward Current	30	mA
Derating Linear From 30°C	0.33	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to + 85°C	
Storage Temperature Range	-40°C to + 85°C	
Lead Soldering Temperature [2mm below package base]	260°C for 3 Seconds	

TYPICAL ELECTRON-OPTICAL CHARACTERISTIC CURVES 25°C Free Air Temperature Unless Otherwise Specified

