

BS Elektronik Service GmbH

SE-3-0307YD

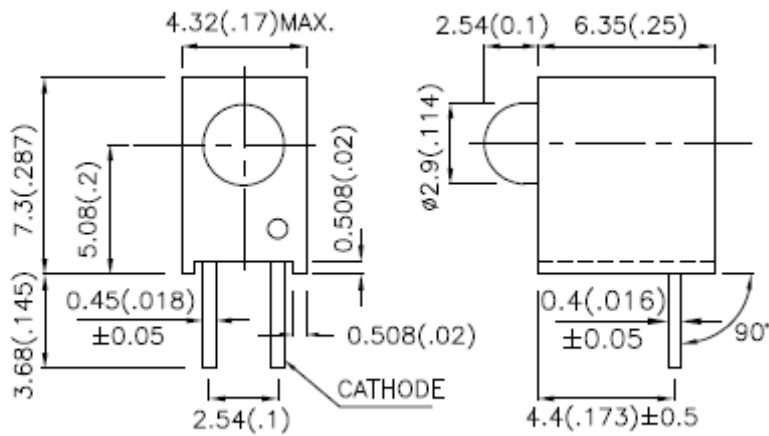
Single Design, Black case

UL-Rating: 94V-0

Housing material: Type 66 Nylon

Package Dimensions

ROHS Complaint



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25\text{mm}(.01\text{'})$ unless otherwise noted.
3. Lead spacing is measured where the leads emerge package.
4. Specifications are subject to change without notice

Electrical / Optical Characteristics at TA=25

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Average Luminous Intensity	IV		15		mcd	IF = 20mA
Peak Emission Wavelength	λ_P		590		nm	IF = 20mA
Dominant Wavelength	λ_d		588		nm	IF = 20mA
Spectral Line Half-Width	$\Delta\lambda$		35		nm	IF = 20mA
Forward Voltage	VF		2.1	2.5	V	IF = 20mA
Reverse Current	IR			100	μ A	VR = 5V
Viewing Angle			60°			

Absolute Maximum Ratings at TA=25

Parameter	Maximum Rating	Unit
Power Dissipation	105	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	140	mA
Continuous Forward Current	30	mA
Derating Linear From 30	0.33	mA/
Reverse Voltage	5	V
Operating Temperature Range	-40°C to + 85°C	
Storage Temperature Range	-40 to + 85	
Lead Soldering Temperature [2mm below package base]	260 for 3 Seconds	

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

