

Emitting Colour	Material	Case Colour	Viewing angle
red	GaP	Red diffused	60°

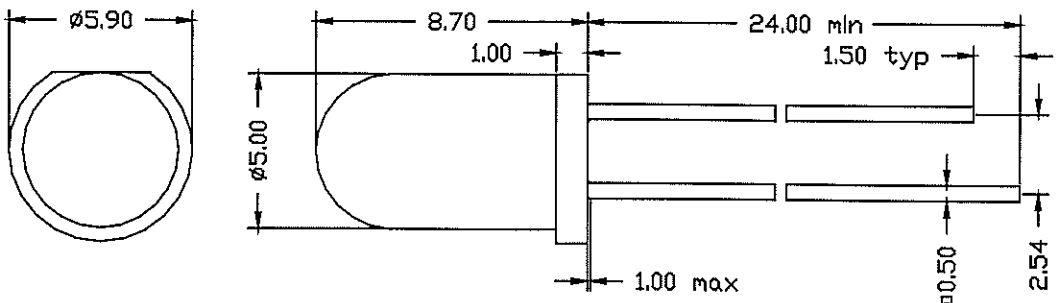
Optical and Electrical Characteristics at Ta = 25 °C

Parameter	Luminous Intensity I _v (mcd)						
	min	typ	max				
I _f = 2 mA							
I _f = 10 mA							
I _f = 20 mA	6.0	11.0					
	min	typ	max	unit	condition		
Peak Wavelength		700		nm	I _f =	20	mA
Dom. Wavelength		660		nm	I _f =	20	mA
Spectral Halfline		45		nm	I _f =	20	mA
Forward Voltage		2,1	2,4	V	I _f =	20	mA

Absolute Maximum Ratings at Ta = 25°C

Parameter		Unit	
Peak Forward Current $\tau < 10\mu\text{s}$	150	mA	
Power Dissipation	120	mW	
Reverse Voltage	5	V	
Continuous Forward Current	25	mA	
Operating Temperature	-40 - +85	°C	
Storage Temperature	-40 - +85	°C	
Lead Soldering Temp.	≤ 260°C	°C 3 s	> 3 mm from solder joint to case

Package dimensions



Tolerance $\pm 0.25\text{mm}$ unless otherwise noted.

Technical data are subject to alteration without notice within the limits of the standards