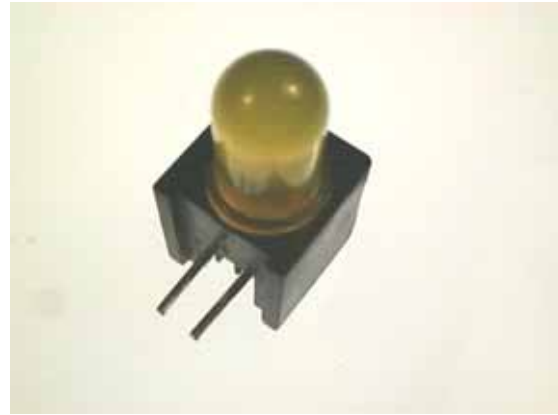


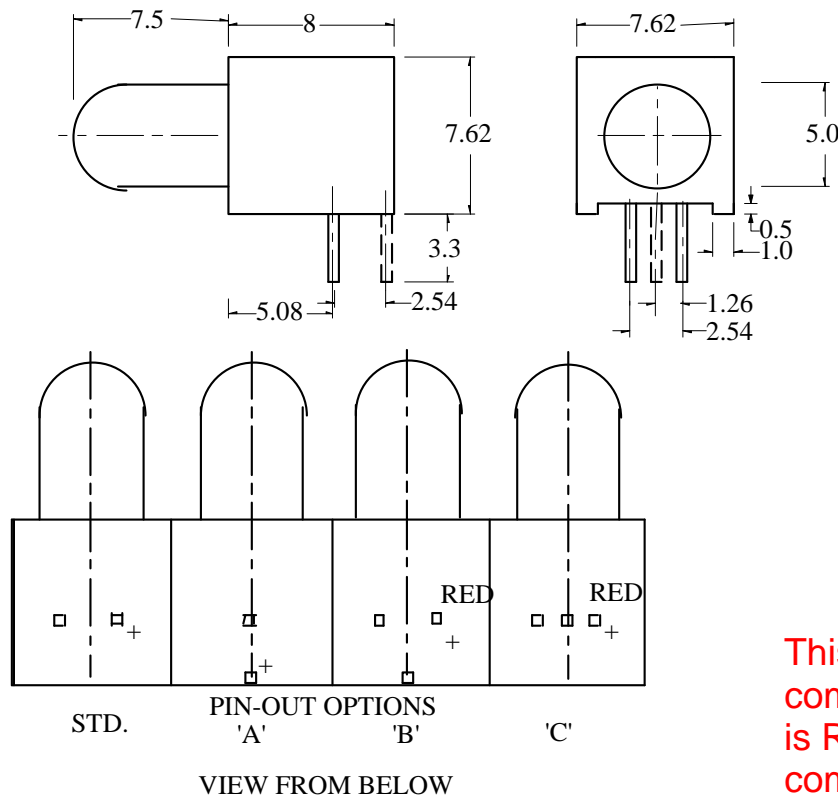
# 5 mm LED CIRCUIT BOARD INDICATOR

The ORE 5003 is a single 5mm LED assembly for mounting at 90 deg. The housing is moulded in black Nylon 6 with zero flammability rating. The housing will accept standard 2 leaded and 3 lead tri-colour LEDs with an in-line or pin circle lead out.

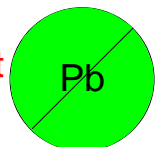
- Long reach from PCB.
- Good alignment
- Single, dual or tri-colour.



## MECHANICAL DATA



This component is RoHS compliant



## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

PARAMETER	RED	ORANGE	YELLOW	GREEN
Power Dissipation	60mW	60mW	60mW	75mW
Forward Current	20mA	20mA	20mA	25mA
Peak Forward Current	60mA	60mA	60mA	60mA
Reverse Voltage*	3V	3V	3V	3V
Operating Temperature	-25 to +85°C			
Storage Temperature	-30 to +100°C			
Soldering Temperature	260°C 5 seconds maximum			

\* Pulse width 1ms Duty 1/5

## ELECTRICAL & OPTICAL CHARACTERISTICS (Ta = 25°C)

PARAMETER & CONDITIONS	RED	ORANGE	YELLOW	GREEN
Forward Voltage [If=10mA]	Typ = 2.0V	Typ = 2.0V	Typ = 2.1V	Typ = 2.1V
Reverse Current [Vr = 3V]	Max = 10µA	Max = 10µA	Max = 10µA	Max = 10µA
Peak Wavelength [If = 10mA]	650nm	610nm	585nm	563nm
Luminous Intensity	Min = 3.6mcd	Min = 3.6mcd	Min = 3.6mcd	Min = 5.6mcd

## ORDERING INFORMATION

SINGLE LED - ORE 5003X

Indicate colour by using X = R = Red

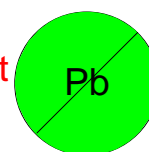
O = Orange

Y = Yellow

G = Green

Other LEDs available on request.

This  
component  
is RoHS  
compliant



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