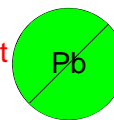




**ABSOLUTE MAXIMUM RATINGS** ( $T_A = 25^{\circ}\text{C}$ )

| Parameter   | Red            | Green | Yellow | Orange |
|---|----------------|-------|--------|--------|
| Forward Current                                       | 15mA           | 30mA  | 20mA   | 30mA   |
| Power Dissipation                                     | 40mW           | 100mW | 60mW   | 100mW  |
| Reverse Current @ 5V                                  | 10mA           | 10mA  | 10mA   | 10mA   |
| Operating Temperature                                 | -40°C to +85°C |       |        |        |
| Storage Temperature                                   | -40°C to 100°C |       |        |        |
| Lead Soldering Temperature for 5sec (2.0mm from Body) | 260°C          |       |        |        |

This component is RoHS compliant

**OPTO ELECTRONIC DATA** ( $T_a = 25^{\circ}\text{C}$ )

| COLOUR |     | Luminous Intensity<br>If = 10mA<br>mcd | Peak Wave-length<br>nm | Viewing Angle<br>Degrees | Forward Voltage<br>If = 20mA<br>volts |
|--------|-----|--|------------------------|--------------------------|---------------------------------------|
| RED    | min | 2.0                                    | -                      | -                        | 1.7                                   |
|        | typ | 4.2                                    | 697                    | 50                       | -                                     |
| YELLOW | min | 7.5                                    | -                      | -                        | 1.7                                   |
|        | typ | 12                                     | 585                    | 50                       | -                                     |
| GREEN  | min | 9.0                                    | -                      | -                        | 1.7                                   |
|        | typ | 15                                     | 565                    | 50                       | -                                     |
|        | ma  | -                                      | -                      | -                        | 2.8                                   |
| ORANGE | min | 7.5                                    | -                      | -                        | 1.7                                   |
|        | typ | 12                                     | 635                    | 50                       | -                                     |

**ORDERING INFORMATION**

PART No. - SSA190

Indicate colour by using

R = Red  
Y = Yellow  
G = Green  
O = Orange  
B = Blank

[BI-COLOURS ALSO AVAILABLE ON REQUEST]

Custom Part No.'s for Mixed Colours will be issued.

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