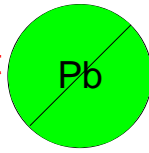


This component is RoHS compliant



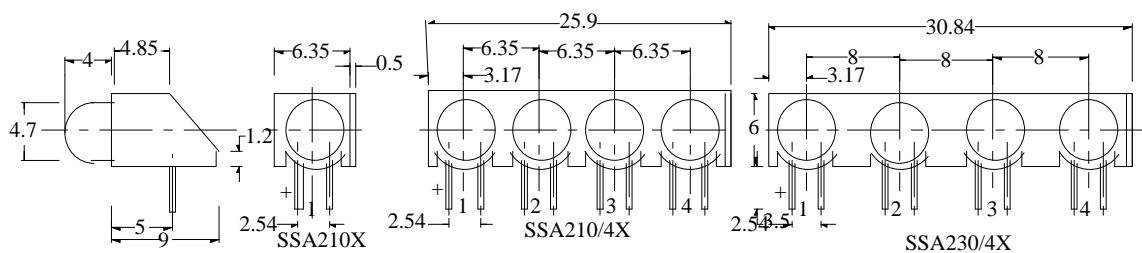
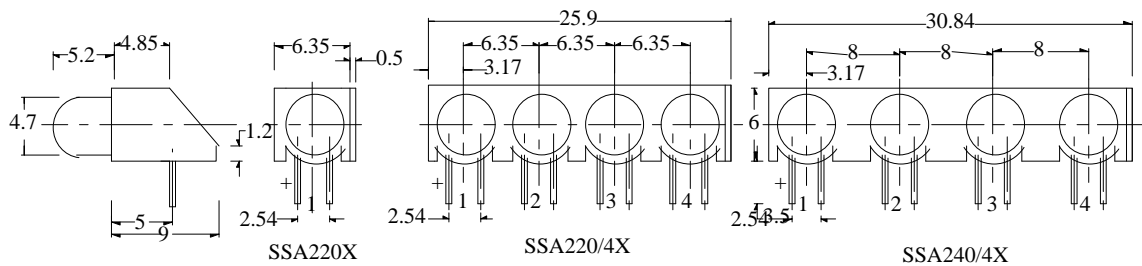
# SA210/20/30/40/4X 5mm LED Assembly Single Way to 4 Way

The SSA210/20/30/40 is a 5mm LED assembly for mounting at 90 deg to a PCB. the housing is moulded in black Grilon A28VO with zero flammability rating. This as a LOW PROFILE device with a 6.35mm cross/centre.

- Matched LEDs
- Low Profile
- Range of colours, bi-colour and low current.



## MECHANICAL DATA



## ORDERING INFORMATION

**SSA210/20/3/040 -4XXXX** [ 1st X – Pos. 1 4th X – Pos.4 ]  
 Indicate colour by using X = R = Red G = Green Y = Yellow O = Orange

Custom Part Numbers will be issued to simplify ordering.

4.4.00 ISS A

**BEDFORD OPTO TECHNOLOGY LTD**  
**1, BIGGAR BUSINESS PARK, BIGGAR, LANARKSHIRE, ML12 6FX**  
 Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009  
 Website: [www.bot.co.uk](http://www.bot.co.uk) E-mail: [bill@bot.co.uk](mailto:bill@bot.co.uk)

**ABSOLUTE MAXIMUM RATINGS** (T<sub>A</sub> = 25°C)

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

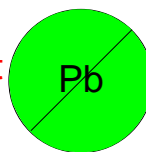
**OPTO ELECTRONIC DATA SSA210/230 types**

PARAMETER & CONDITIONS	RED [47VR]	GREEN [47MG]	YELLOW [47YY]
Viewing Angle Degrees	40	40	40
Forward Voltage [I <sub>f</sub> = 10mA]	Typ = 2.0V	Typ = 2.1V	Typ = 2.1V
Reverse Current [V <sub>r</sub> = 3V]	Max = 10mA		
Peak Wavelength [I <sub>f</sub> = 10mA]	650nm	563nm	585nm
Luminous Intensity [I <sub>f</sub> = 10mA]	Min = 2.2mcd	Min = 3.6mcd	Min = 2.2mcd

**OPTO ELECTRONIC DATA SSA220/240 types**

PARAMETER & CONDITIONS	RED [57VR]	GREEN [57MG]	YELLOW [57YY]	ORANGE [57DU]
Viewing Angle Degrees	50	50	50	50
Forward Voltage [I <sub>f</sub> = 10mA]	Typ = 2.0V	Typ = 2.1V	Typ = 2.1V	Typ = 2.0V
Reverse Current [V <sub>r</sub> = 3V]	Max = 10mA			
Peak Wavelength [I <sub>f</sub> = 10mA]	650nm	563nm	585nm	610
Luminous Intensity [I <sub>f</sub> = 10mA]	Min = 9.0mcd	Min = 5.6mcd	Min = 3.6mcd	Min = 2.2mcd

This  
component  
is RoHS  
compliant



**BEDFORD OPTO TECHNOLOGY LTD**  
**1,BIGGAR BUSINESS PARK, BIGGAR,LANARKSHIRE ML12 6FX**  
**Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009**  
**Website: bot.co.uk E-mail: bill@bot.co.uk**