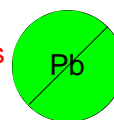




## ABSOLUTE MAXIMUM RATINGS (Ta = 25 °C)

These components are RoHS compliant



Parameter	Yellow	Green & HERed
Power Dissipation	100mW	100mW
Storage and Operating temperatures	-40°C to +100°C	
Forward Current	25mA	30mA
Lead Soldering Time at 260°C (1.6mm from body)	5sec	5sec
Reverse Voltage	5.0V	5.0V

## OPTO ELECTRONIC DATA (Tamb = 25 °C)

Parameter	Condition	HERed			Yellow			Green			UNITS
		Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	
Forward Voltage	If = 20 mA	-	2.0	3.0	-	2.1	3.0	-	2.2	3.0	Volts
*Lumemous Intensity	If = 20 mA	1.0	4.0	-	1.0	4.0	-	1.0	4.0	-	mcd
Peak wave-length	If = 20 mA	-	635	-	-	585	-	-	565	-	nm
Reverse Voltage	Ir = 100 µA	5.0	-	-	5.0	-	-	5.0	-	-	Volts

\* Each colour is matched to better than 2:1

## ORDERING INFORMATION

For mixed colours (or blanks) please describe as below:-

BG2500 R ———— Y  
(Pos1) (Pos12)

Using R = HERed Y = Yellow G = Green B = Blank  
Custom part numbers will be allocated to identify parts uniquely

**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**

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