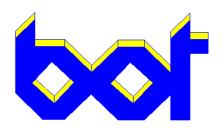
ORD 9202 SERIES



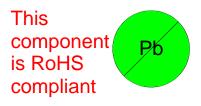
3mm LED ASSEMBLY IN LINE PINNING

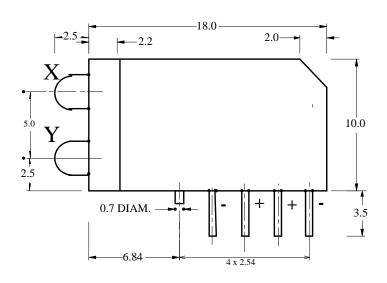
The ORD-9202 series is a family of display devices using a Black Nylon 6 UL-94Vo rated housing to mount one or two 3mm LEDs at right angles to a PCB. The pin out is in line on 0.1" centres and the package is available with or without an additional alignment pin. In any one batch the LEDs are lumenous intensity matched.

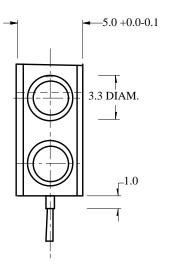
- Accurate alignment of LEDs.
- Matched LEDs.
- Any colour combination, Polarity and 2mA LEDs available.



MECHANICAL DATA







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

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					

OPTO ELECTRONIC DATA (Ta = 25°C)

COLOU	R	Lumenous Intensity If = 10mA mcd	Peak Wave- length nm	Viewing Angle Degrees	Forward Voltage If = 20mA volts
RED	min typ	2.0 4.2	- 697	- 70	1.7
YELLOW	min typ	7.5 12	- 585	- 70	1.7 -
GREEN	min typ ma	9.0 15 -	- 565 -	- 70 -	1.7 - 2.8
ORANGE	min typ	7.5 12	635	- 70	1.7 -

ORDERING INFORMATION

 $Dual\ LED\ -\ \textbf{ORD}\ \textbf{9202XY} \hspace{1cm} X = Top\ LED$

Y = Bottom LED

Single LED- **ORE 9201Y** Y = Bottom LED Indicate colour by using R = Red

 $\Omega = \Omega$ ranc

O = Orange

Y = Yellow



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