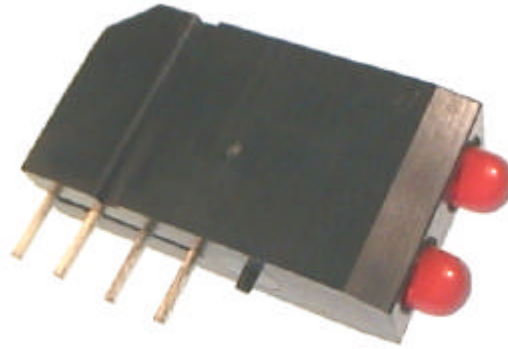


# ORD 9202 SERIES

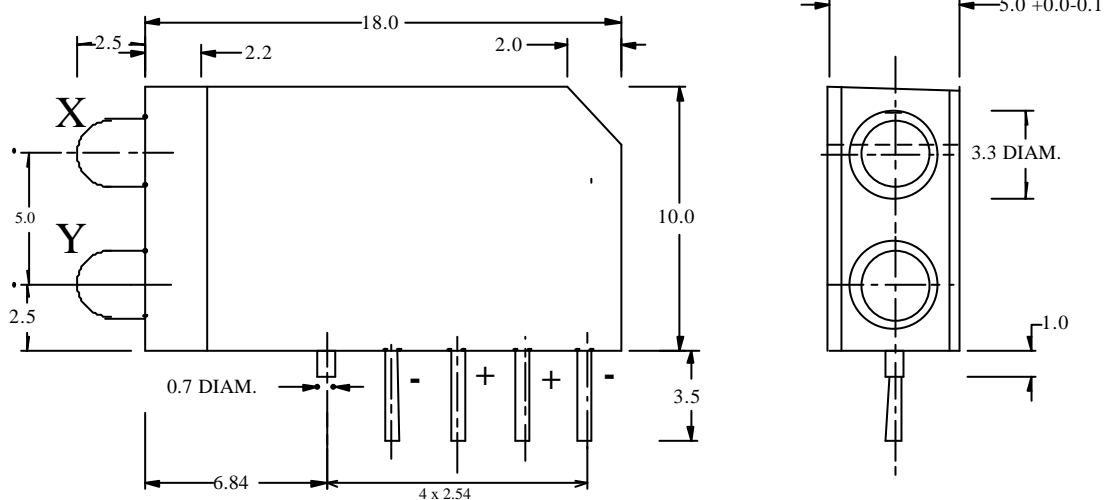
## 3mm LED ASSEMBLY IN LINE PINNING

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**  
**LINDSAYLANDS, BIGGAR, LANARKSHIRE ML12 6NR**

Tel: +44 (0) 1899 221221 Fax: +44 (0) 1899 221009

Website: [bot.co.uk](http://bot.co.uk) E-mail: [bill@bot.co.uk](mailto:bill@bot.co.uk)

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

# ORD 9202

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	$-40^\circ\text{C}$ to $+85^\circ\text{C}$			
Storage Temperature	$-40^\circ\text{C}$ to $100^\circ\text{C}$			
Lead Soldering Temperature for	260°C			

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

COLOUR		Luminous Intensity $I_f = 10\text{mA}$	Peak Wave-length nm	Viewing Angle Degrees	Forward Voltage $I_f = 20\text{mA}$ volts
RED	min	2.0	-	-	1.7
	typ	4.2	697	70	-
YELLOW	min	7.5	-	-	1.7
	typ	12	585	70	-
GREEN	min	9.0	-	-	1.7
	typ	15	565	70	-
	max	-	-	-	2.8
ORANGE	min	7.5	-	-	1.7
	typ	12	635	70	-

## ORDERING INFORMATION

Dual LED - **ORD 9202XY**      X = Top LED  
   Y = Bottom LED  
Single LED- **ORE 9201Y**      Y = Bottom LED  
Indicate colour by using    R = Red  
   O = Orange  
   Y = Yellow

# OPTO ELECTRONIC SOLUTIONS

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