

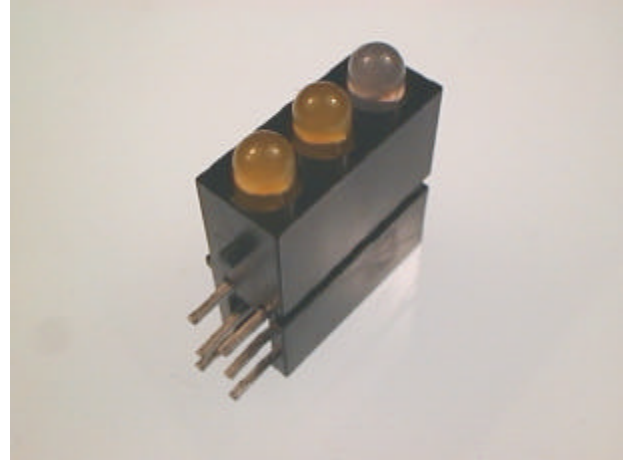
ORT33 SERIES

3 Tier

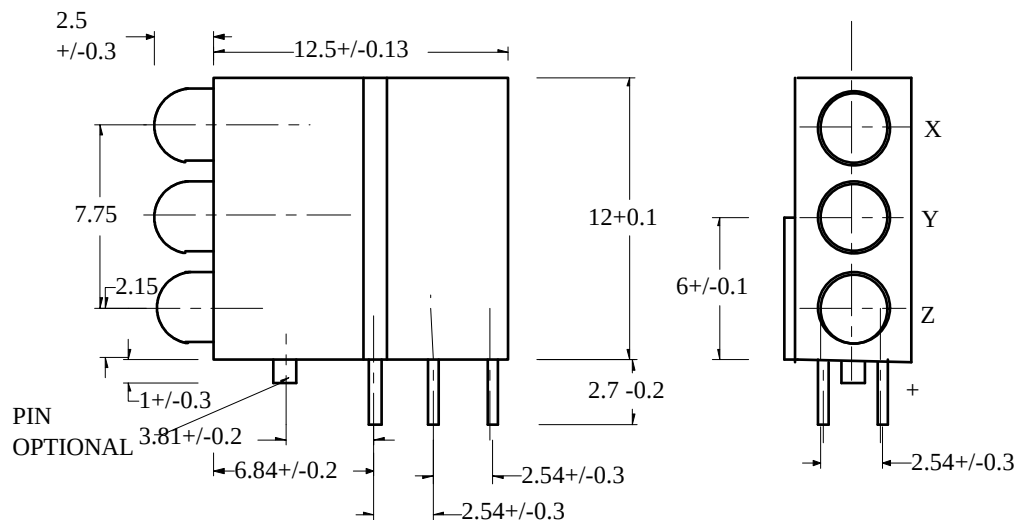
3mm LED ASSEMBLY

The ORT33 series is a family of display devices using a Black Nylon 6 VO rated housing to mount three 3mm LEDs at right angles to a PCB. The pin out is in line on 0.1". In any one batch the LEDs are lumenous intensity matched.

- Accurate alignment of LEDs.
- Low current and high brightbes available.
- Matched LEDs.
- Locating pin optional
- Bi-Colour, 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 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)

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

ORDERING INFORMATION

ORT 33XYZ X = Top LED Y = Middle LED Z = Bottom LED

Indicate colour by using

R = Red

Y = Yellow

O = Orange

G = Green

Available on request ..BC = Red/Green Bi-Colour. [also Blue/white]

B = Blank

OPTO ELECTRONIC SOLUTIONS

BEDFORD OPTO TECHNOLOGY LTD
LINDSAYLANDS, BIGGAR, LANARKSHIRE, ML12 6NR

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

Website: bot.co.uk E-mail: bill@bot.co.uk

15.2.00 ISS A