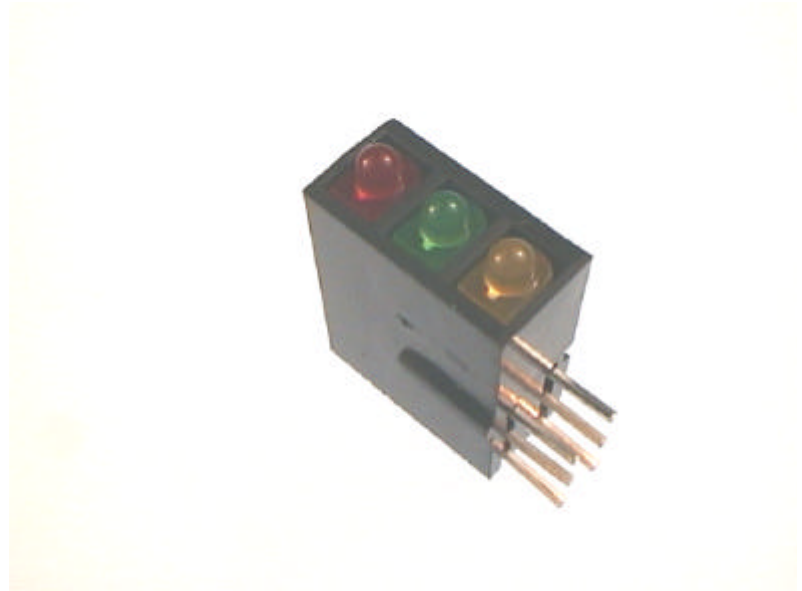


ORT 9303

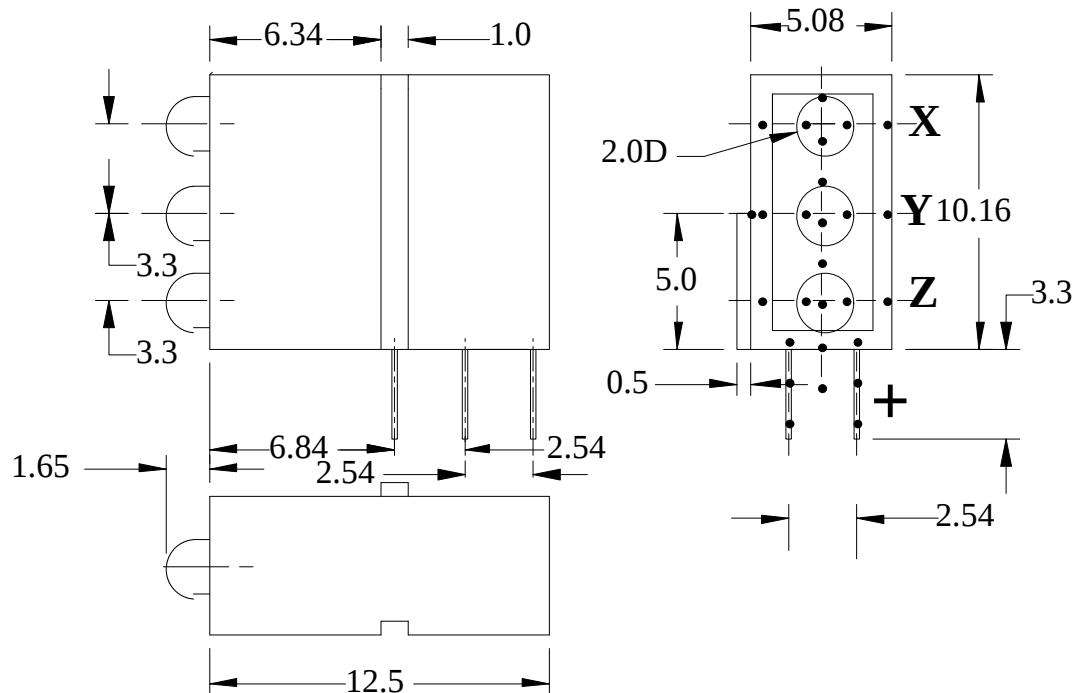
3 ELEMENT PCB MOUNT 1.8mm LED ARRAY

The ORT-9303 series array is a family of devices using a Black Nylon 6 VO rated housing to mount up to three 1.8mm LED's at right angles to the PCB. The pin out is on a standard 0.1" x 0.1" pitch. In any one batch the LED's are matched for lumenous intensity. This high density array has small a footprint and alignment features for multiple package use.

- High density, small footprint.
- Accurate positioning/ Alignment key.
- Good matching.
- ± 20 Deg Viewing angle.



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

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

ORT 9303

REVERSE VOLTAGE		6 Volts
CONTINUOUS FORWARD CURRENT	Red Others	50 mA 30 mA
POWER DISSIPATION Ta < 55 C		100 mW
JUNCTION TEMP	100°C	
STORAGE TEMP	-55 to +100°C	
THERMAL RESISTANCE	450 K/W	

OPTO ELECTRONIC DATA (Ta = 25°C)

COLOUR		Luminous Intensity If = 10mA mcd	Peak Wavelength nm	Forward Voltage If = 20mA volts
RED	min	1	-	-
	typ	1.5	660	1.6
	ma	-	-	2
ORANGE	min	4	-	-
	typ	5	630	2
	ma	-	-	3
YELLOW	min	2.5	-	-
	typ	8	585	2.4
	ma	-	-	3
GREEN	min	4	-	-
	typ	12	565	2.4
	ma	-	-	3

ORDERING INFORMATION

ORT 9303 X ----- Z

Top Position Bottom Position

X OR Y = R = Red
O = Orange
Y = Yellow
G = Green
B = Blank

Custom part numbers will be allocated to describe mixed LED combination.

OPTO ELECTRONIC SOLUTIONS

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