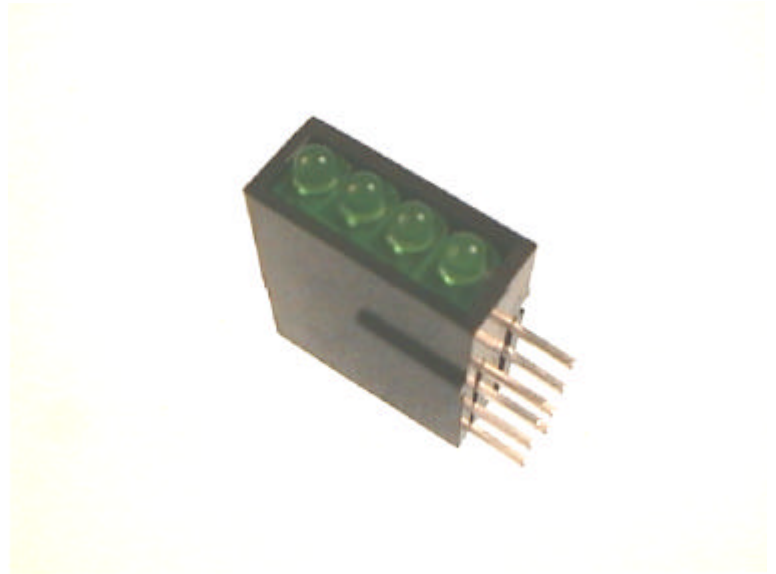


ORT 2400 4 ELEMENT PCB MOUNT 1.8mm LED ARRAY

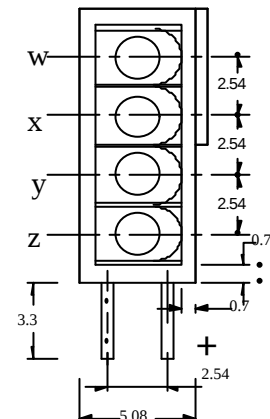
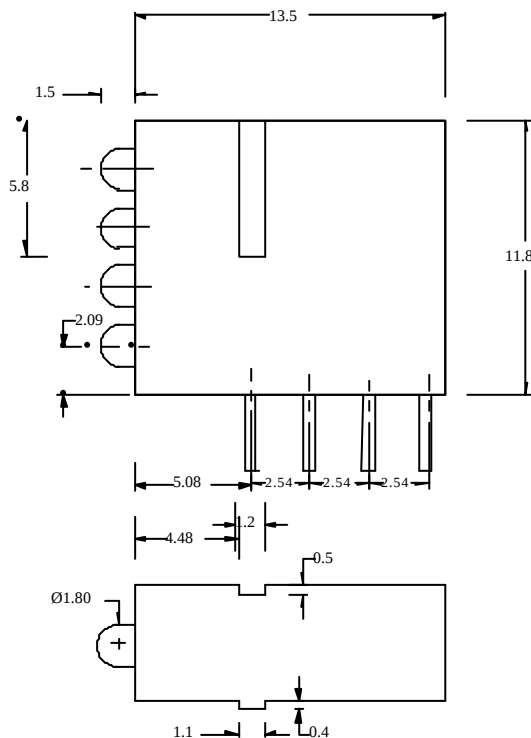
BLUE LEDS NOW AVAILABLE

The ORT 2400 series array is a family of devices using a Black Nylon 6 VO rated housing to mount up to four 1.8mm LEDs at right angles to the PCB. The pin out is on a standard 0.1" x 0.1" pitch. In any one batch the LEDs are matched for lumenous intensity . This high density array has a small footprint and alignment feature for multiple package use.

- High density, small footprint.
- Accurate positioning.
- 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 2400**

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

	Blue
REVERSE VOLTAGE	5 Volts
FORWARD CURRENT	30 mA
POWER DISSIPATION	120mW
OPERATING TEMP °C	-20 to+80
STORAGE TEMP °C	-30 to+100

OPTO ELECTRONIC DATA (Ta = 25°C)

COLOUR		Luminous Intensity If = 10mA	Peak Wavelength	Forward Voltage If = 20mA
RED	min	1	-	-
	typ	1.5	660	1.6
ORANGE	min	4	-	-
	typ	5	630	2
YELLOW	min	2.5	-	-
	typ	8	585	2.4
GREEN	min	4	-	-
	typ	12	565	2.4
	max	-	-	3
BLUE	Min	21	430	3.8
	Typ	38		

ORDERING INFORMATION**ORT 2400 W ----- Z**

Top Position Bottom Position

W THROUGH Z= R = Red

O = Orange

Y = Yellow

G = Green

B = Blank

BL=Blue

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

OPTO ELECTRONIC SOLUTIONS

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