

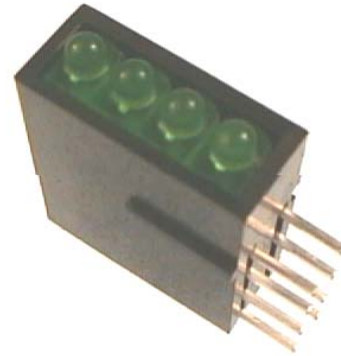
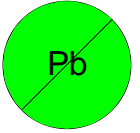
ORT 2400 4 ELEMENT PCB MOUNT 1.8mm LED ARRAY

BLUE LEDS NOW AVAILABLE

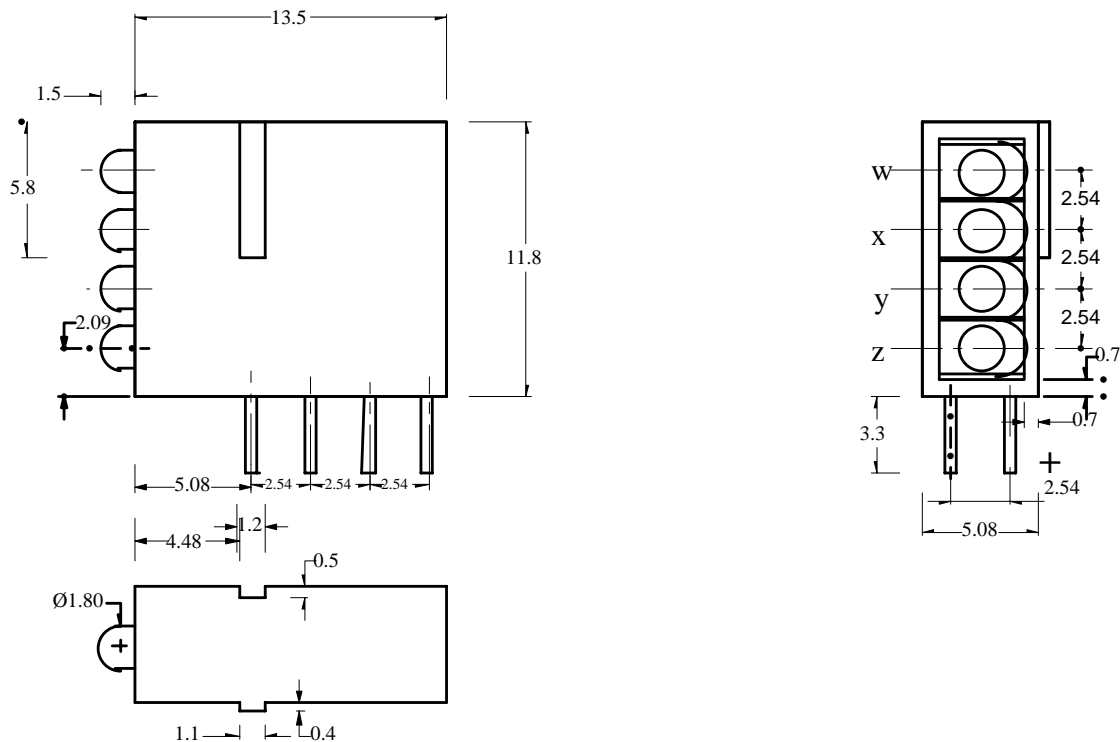
The ORT 2400 series array is a family of devices using a Black Nylon 6 VO rated housing to mount up to four 1.8mm LEDs at right angles to the PCB. The pin out is on a standard 0.1" x 0.1" pitch. In any one batch the LEDs are matched for lumenous intensity . This high density array has a small footprint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

- High density, small footprint.
- Accurate positioning.
- Good matching
- ± 20 Deg viewing angle

This component is RoHS compliant



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

ABSOLUTE MAXIMUM RATINGS (TA = 25°C)

ORT 2400

	Red	Others
REVERSE VOLTAGE	5Volts	5 Volts
CONTINUOUS FORWARD CURRENT	30mA	30 mA
POWER DISSIPATION Ta < 55 C	100mW	100 mW
OPERATING TEMP	-20 to +100°C	
STORAGE TEMP	-55 to +100°C	
DERATING FROM 25°C	0.4mA/ °C	

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

SOLDERING TEMPERATURE (5secs max 1.6mm from body) ALL TYPES	260 °C max
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OPTO

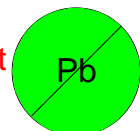
COLOUR		Lumenous Intensity If = 10mA mcd	Peak Wavelength nm	Forward Voltage If = 20mA volts
RED	min	1.2	-	-
	typ	2.5	695	2.2
	ma	-	-	2.8
ORANGE	min	9.0	-	-
	typ	15	633	2
	ma x	-	-	2.8
YELLOW	min	3.0	-	-
	typ	5	590	2.1
	ma	-	-	2.8
GREEN	min	6.5	-	-
	typ	15	570	2.2
	ma x	-	-	2.8
BLUE	Min	21	430	3.8
	Typ	38		

ORDERI

ORT 2400 W - - - - - Z

Top Position Bottom Position
W THROUGH Z= R = Red
O = Orange
Y = Yellow
G = Green
B = Blank
BL=Blue

This component is RoHS compliant



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

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