

ORT 9303 3 ELEMENT PCB MOUNT 1.8mm LED ARRAY

BLUE LEDS NOW AVAILABLE

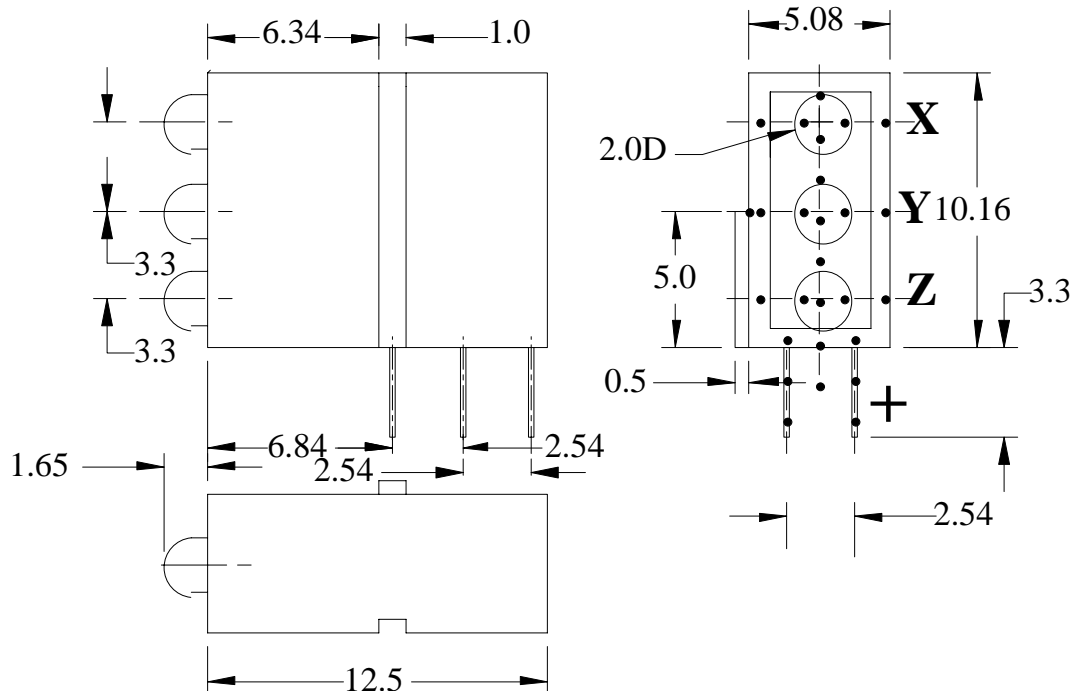
The ORT-9303 series array is a family of devices using a Black Nylon 6 VO rated housing to mount up to three 1.8mm LED's at right angles to the PCB. The pin out is on a standard 0.1" x 0.1" pitch. In any one batch the LED's are matched for lumenous intensity. This high density array has small a footprint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

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

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
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ABSOLUTE MAXIMUM RATINGS (TA = 25°C)**ORT 9303**

	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

SOLDERING TEMPERATURE (3secs max 2mm from body) ALL TYPES	260 °C max
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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
ORANGE	min	4	-	-
	typ	5	630	2
YELLOW	min	2.5	-	-
	typ	8	585	2.4
GREEN	min	4	-	-
	typ	12	565	2.4
	ma	-	-	3
BLUE	Min	21	-	-
	Typ	38	430	3.8

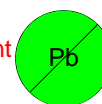
ORDERING INFORMATION**ORT 9303 X - - - - - Z**

Top Position Bottom Position

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

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

This component is RoHS compliant

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