

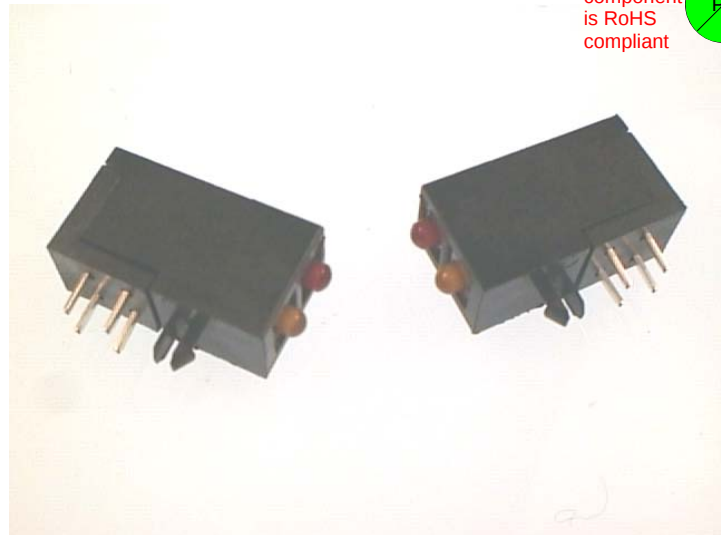
ORT 2200 SERIES

1.8mm LED 2 TIER CIRCUIT BOARD INDICATOR

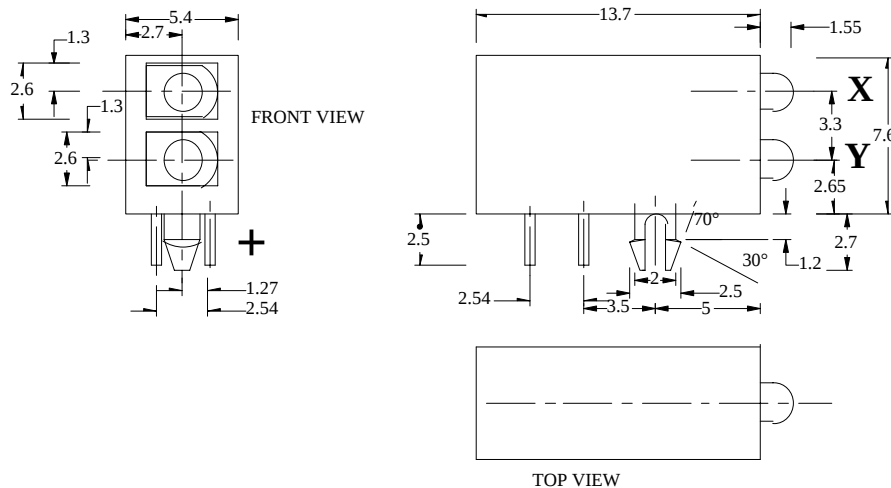
BLUE LEDS NOW AVAILABLE

A two tier 1.8mm assembly compatible with the 3 & 4 tier ORT9303/2400 series. Moulded in Black Zytel with 1mm min wall thickness to suit I.S. applications. A baseplate & locating pin ensure secure accurate board positioning.

- Low Profile/High Density.
- Locating Pin + Baseplate for accurate location.
- Suitable for I.S. applications.
- +/-20 deg viewing angle



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)

	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	

This
component
is RoHS
compliant



ORT 2200

	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

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	430	3.8
	Typ	38		

ORDERING INFORMATION

ORT 2200 X - - - - - Y

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

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