

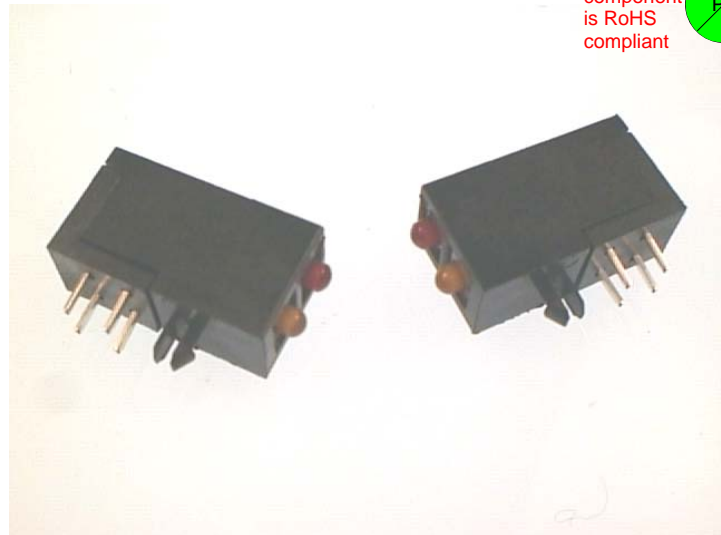
ORT 2200 SERIES

1.8mm LED 2 TIER CIRCUIT BOARD INDICATOR

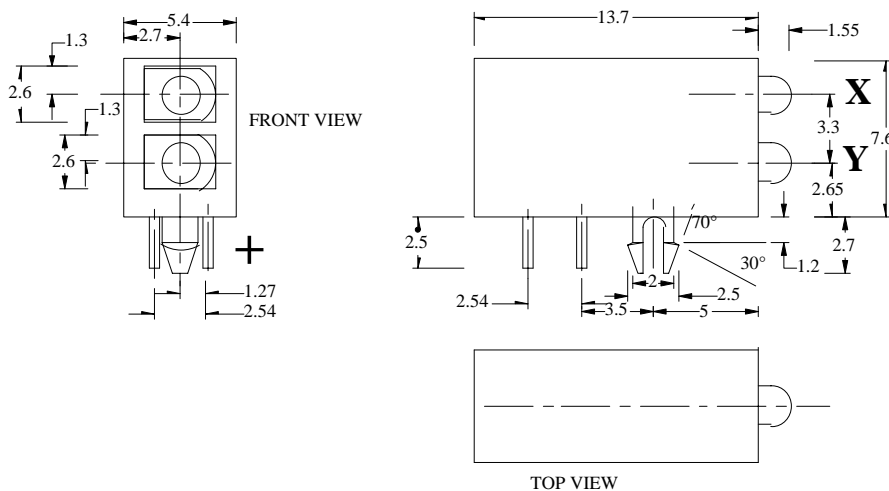
BLUE LEDS NOW AVAILABLE

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 (T_A = 25°C)

This component is RoHS compliant



ORT 2200

| | Red | Others |
|---|---------------|---------|
| REVERSE VOLTAGE | 6 Volts | 6 Volts |
| CONTINUOUS FORWARD CURRENT | 50mA | 30 mA |
| POWER DISSIPATION T _a < 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

OPTO ELECTRONIC DATA (T_A = 25°C)

| COLOUR | | Luminous Intensity I _f = 10mA mcd | Peak Wavelength nm | Forward Voltage I _f = 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 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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