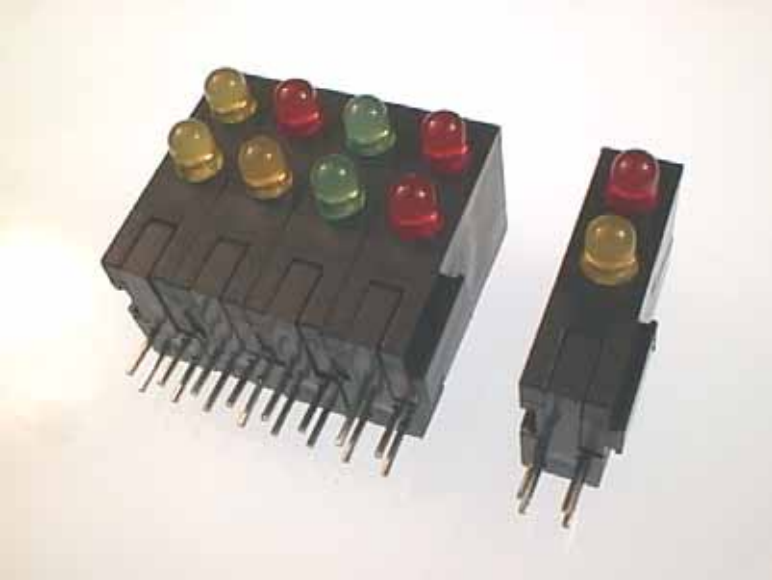
ORD 9402 SERIES

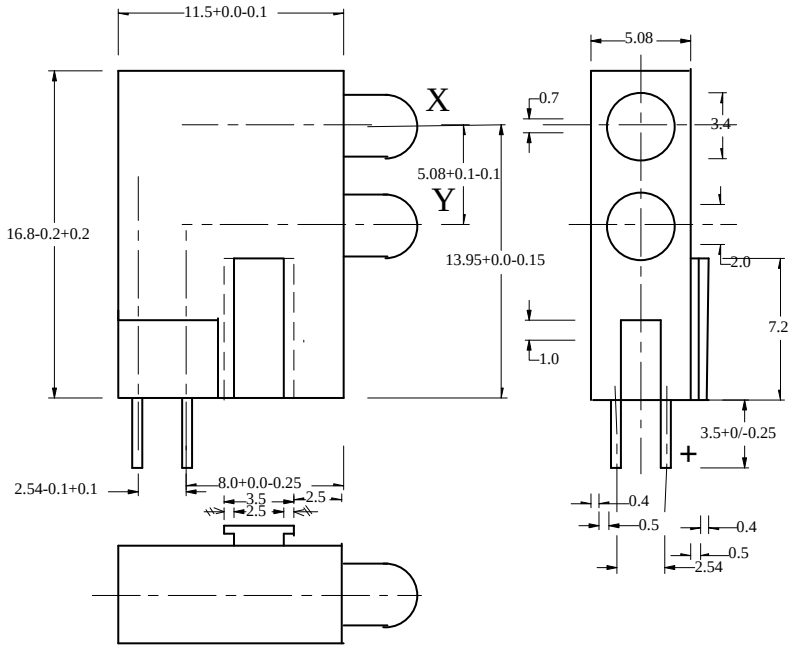
3mm LED INTERLOCKING ASSEMBLY

The ORD-9402 series is a family of devices using a black Nylon 6 Vo UL rated housing for 1 or 2 LED's at right angles to the PCB. A unique interlocking feature enables packages to be stacked up to 32 Way long with ready insertion into a 0.1" pitch PCB layout. The pin outs are accurately positioned with a locating base plug. . The LED's are lumenous intensity a matched in any one batch.

- Precision Interlock
- Precision Pin Out Positions
- Matched LEDs
- Any colour combination, polarity or low current LEDs.



MECHANICAL DATA



This component is RoHS compliant

Pb

BEDFORD OPTO TECHNOLOGY LTD
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ABSOLUTE MAXIMUM RATINGS (TA = 25°C)

Parameter	Red	Green	Yellow	Orange
Forward Current	15mA	30mA	20mA	30mA
Power Dissipation	40mW	100mW	60mW	100mW
Reverse Current @ 5V	10mA	10mA	10mA	10mA
Operating Temperature	-40°C to +85°C			
Storage Temperature	-40°C to 100°C			
Lead Soldering Temperature for 5sec (2.0mm from Body)	260°C			

This component is RoHS compliant

OPTO ELECTRONIC DATA (Ta = 25°C)

COLOUR		Lumenous Intensity If = 10mA mcd	Peak Wave-length nm	Viewing An-gle Degrees	Forward Voltage If = 20mA volts
RED	min	2.0	-	-	1.7
	typ	4.2	697	50	-
	max	-	-	-	2.8
YELLOW	min	7.5	-	-	1.7
	typ	12	585	50	-
	max	-	-	-	2.8
GREEN	min	9.0	-	-	1.7
	typ	15	565	50	-
	max	-	-	-	2.8
ORANGE	min	7.5	-	-	1.7
	typ	12	635	50	-
	max	-	-	-	2.8

ORDERING INFORMATION

Dual LED - **ORD 9402XY** X = Top LED
Y = Bottom LED

Single LED- **ORE 9401X** X = Bottom LED

Indicate colour by using R = Red
O = Orange
Y = Yellow
G = Green

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