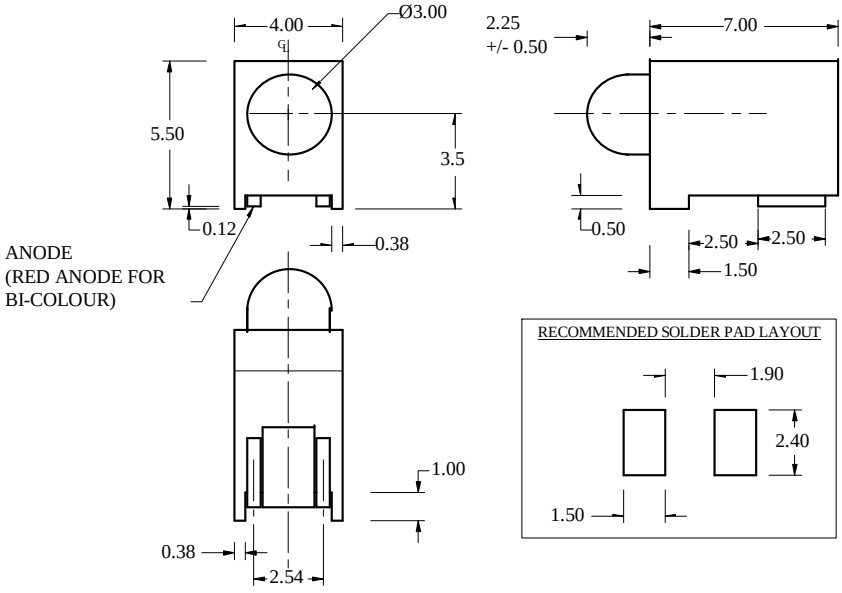
SML31 SERIES

SURFACE MOUNT 3mm CIRCUIT BOARD INDICATOR

- BEDFORD OPTO'S FIRST SURFACE MOUNT TAPED AND REELED LED.
- SMALL FOOTPRINT
- HIGH BRIGHTNESS
- 1250 PER REEL FOR HIGH VOLUME APPLICATIONS
- DIRECT EQUIVALENT LUMEX SSF-LXH305 SERIES



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

ISSC 1.7.08

ABSOLUTE MAXIMUM RATINGS (TA = 25°C)

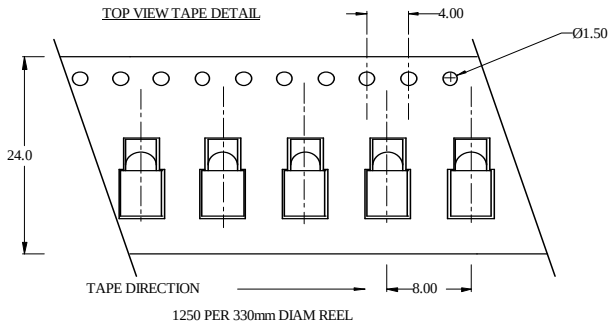
SML31 SERIES

PARAMETER	SINGLE COLOUR	BI-COLOUR	BLUE
Peak Forward Current	150mA	150mA	100mA
Continuous Forward Current	30mA	30mA	30mA
Power Dissipation [Tamb<60°C]	100mW	80mW	120mW
Reverse Voltage	5v	5v	5v
Storage Temperature	-40°C to+100°C	-40 to+85°C	-40°C to +85°C
Operating Temperature Range	-40°C to+85C	-40 to +80°C	-40°C to +85°C

OPTO ELECTRONIC DATA (TA = 25°C)

	COLOUR	Peak wavelength nm	Viewing Angle $2\theta^1/_2$ deg	Lumenous Intensity [If = 20mA] mcd	Forward Voltage [If = 20mA] Volts Max	DIFFUSE PACKAGE COLOUR
	RED/	635	40	35	2.6	**WHITE**
	HE RED	635	40	50	2.6	**RED**
	YELLOW	585	40	50	2.6	**YELLOW**
	GREEN	568	40	70	2.6	**GREEN**
	ORANGE	635	40	12	2.6	**0RANGE**
NEW	**BLUE**	468	50	1000	4	**CLEAR**

TAPE AND REEL DETAILS



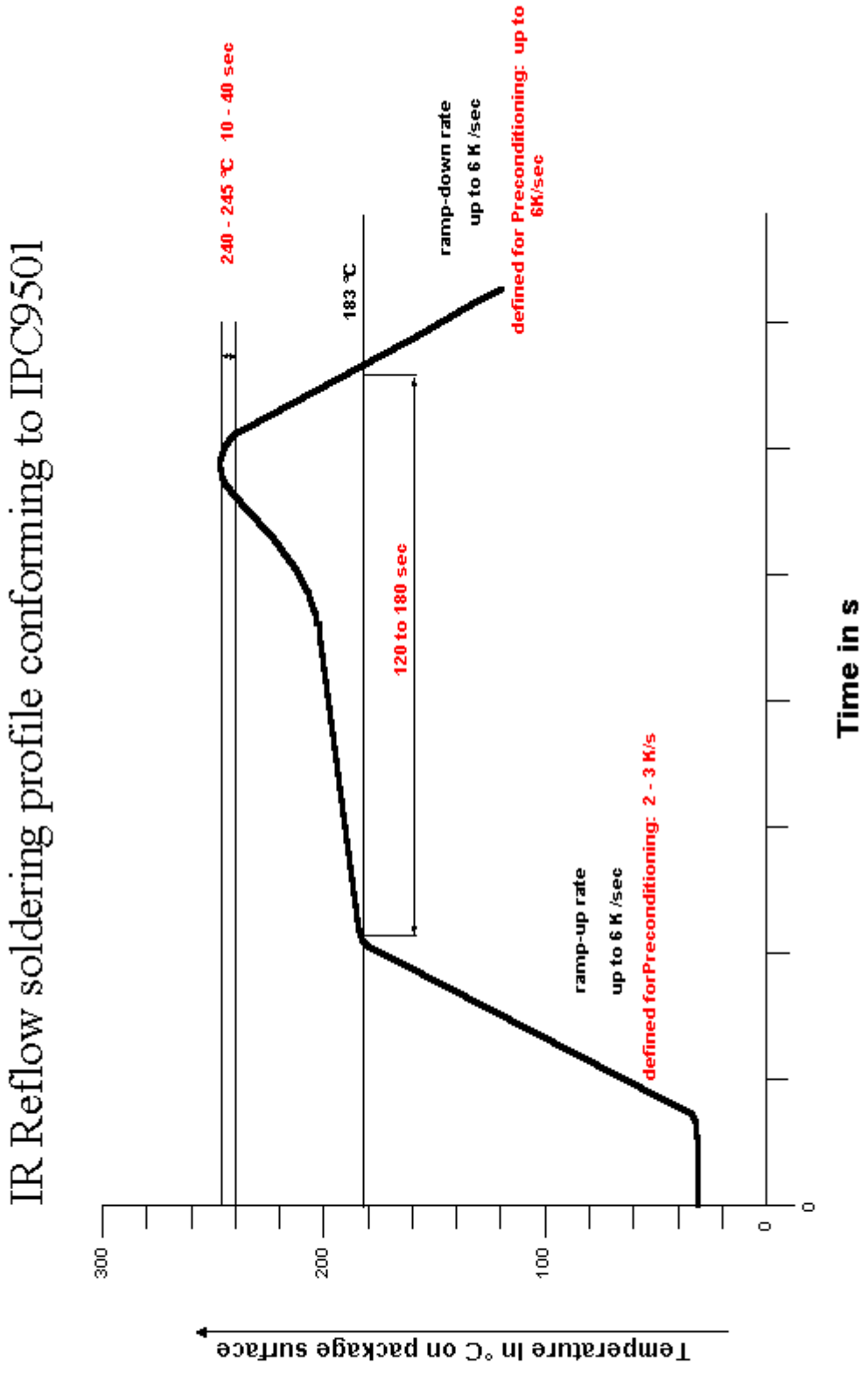
ORDERING INFORMATION

Indicate colour by using SML31X X R= Red, Y= Yellow
G= Green, O= Orange
B= Blue
Other colours available

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ADVISED SOLDERING CONDITIONS



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