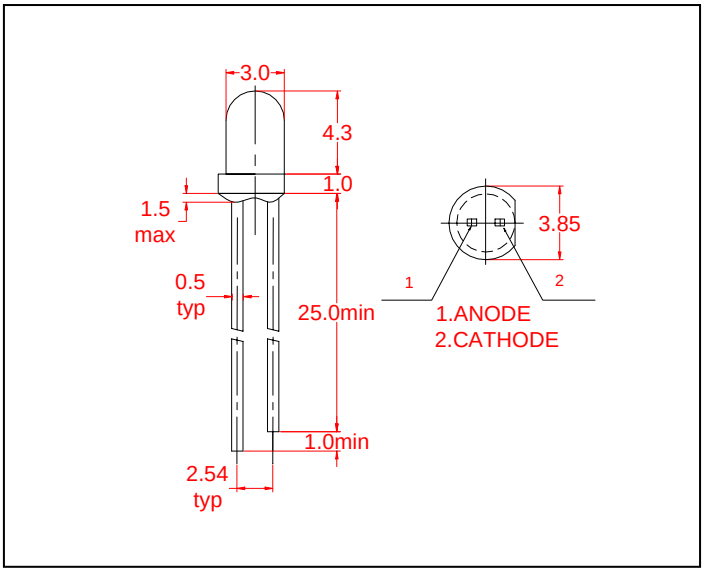
DATA SHEET for LED

LX30240

Part No.
LX30240
Emitting Color
R/Y/Green
Lens' Color
R/Y/Green Diffused



Absolute Maximum Rating of Each Segment (Ta = 25℃)

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P_M	80	mW
Continuous Forward Current	I_F	30	mA
Reverse Voltage	V_R	6	V
Operation Temperature	T_{opr}	−25℃～85℃	℃
Storage Temperature	T_{stg}	−40℃～100℃	℃
Soldering Temperature : 2.0mm from Body for 3 seconds at 260℃			

Electron-Optical Characteristics of Each Segment (Ta = 25℃)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_V	30	40		mcd	I_F=20 mA
Forward Voltage	V_F		2.2	2.5	V	I_F=20 mA
Reverse Current	I_R			50	μA	V_R=5V
Peak Wavelength	λ_p		575		nm	I_F=20 mA
Viewing Angle	2Θ1/2		40		deg	I_F=20 mA