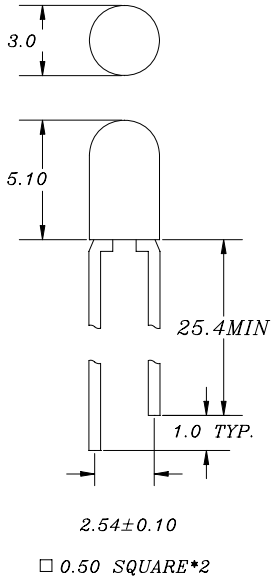
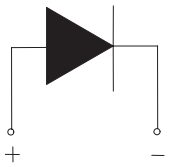
FKtechnics®
součástky, elektronika

SLR-035UY10-4BD-LL

Package Dimensions





Notes: 1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.25mm(.010") unless otherwise noted.
3. Protruded resin under flange is 1.0mm(.04") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specifications are subject to change without notice.

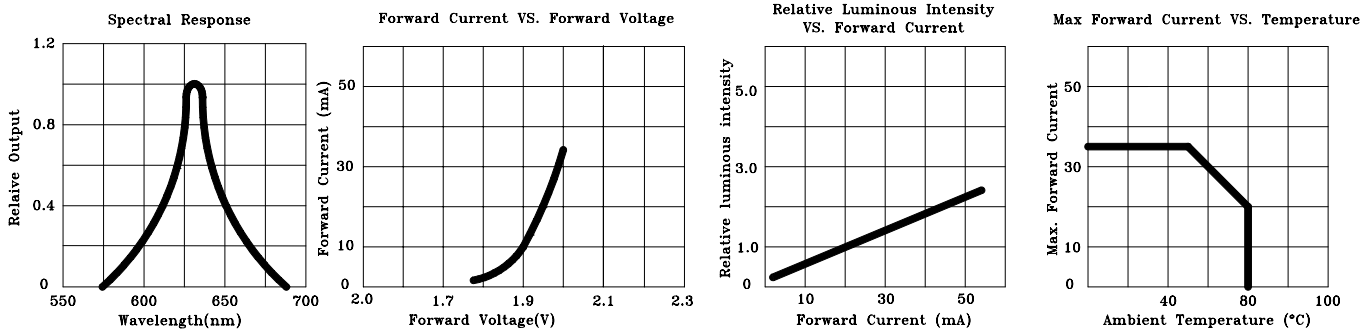
Absolute Maximum Ratings at T_a=25°C

Parameter	Maximum Rating	Unit
Power Dissipation	100	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	35	mA
Reverse Voltage	5	V
Operating Temperature Range	-30°C to + 80°C	
Storage Temperature Range	-40°C to + 100°C	
Lead Soldering Temperature [4mm(.157") From Body]	280°C for 5 Seconds	

Electrical / Optical Characteristics at T_a=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_V	310	600		mcd	I_F = 20mA
Viewing Angle	$2\theta_{1/2}$		45		deg	I_F = 20mA
Peak Emission Wavelength	λ_P		590		nm	I_F = 20mA
Dominant Wavelength	λ_d	584	589	594	nm	I_F = 20mA
Spectral Line Half-Width	$\Delta\lambda$		20		nm	I_F = 20mA
Forward Voltage	V_F		2.0	2.5	V	I_F = 20mA
Reverse Current	I_R			10	μA	V_R = 5V

TYPICAL ELECTRON-OPTICAL CHARACTERISTIC CURVES
25°C Free Air Temperature Unless Otherwise Specified



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