



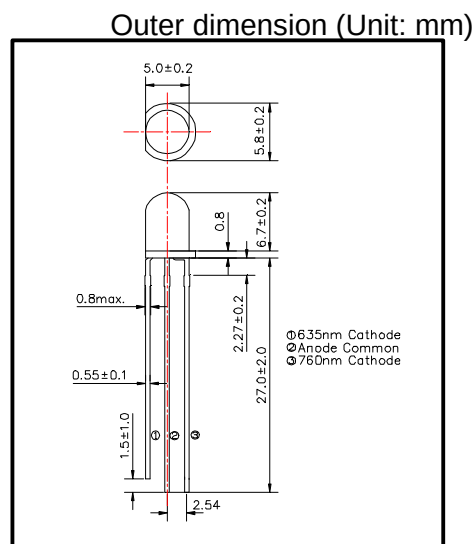
L635/760-04A Bi-Color for medical analysis

-color LED of 635/760- consists of DDH structure AlGaAs s mounted on a lead frame
with a clear epoxy lens.
bias band of visible light, which peaks 635nm

- 1) High Reliability
- 2)
- 3) Anode

Specifications

- 1) Product Name Bi-
2) 635/760- 4A
- (1) Chip Material AlGaAs (DDH
(2) 635 and 760nm typ.
- (1) Type f5mm clear molding
(2) Resin Material Epoxy Resin
Solder



Absolute Maximum Ratings

Item	Symbol			Unit	
			760nm		
	PD	100	200	mW	Ta=25 C
Forward Current	I				°
	I	5		V	°C
Operating Temperature	OPR	30 ~ +85		°C	
	T	30 ~ +100		°C	
Soldering Temperature	TSOL	260		°C	

‡ Soldering condition: Soldering condition must be completed within 3 seconds at 260°C

Electro-Optical Characteristics [Ta=25°C]

Item	Symbol	Condition	Minimum		Typical		Maximum		Unit
			635nm	760nm	635nm	760nm	635nm	760nm	
Forward Voltage	VF	IF=20mA			2.10	1.65	2.30	2.00	V
Reverse Current	IR	VR=5V					10		uA
Total Radiated Power	PO	IF=20mA	0.7	2.0	1.5	4.0	2.5	8.0	mW
Peak Wavelength	λP	IF=20mA	630	750	635	760	640	770	nm
Half Width	Δλ	IF=20mA			20	30			nm
Viewing Half Angle	Q 1/2	IF=20mA			±20				deg.

‡ Total Radiated Power is measured by Photodyne #500

‡ Radiant Intensity is measured by Tektronix J-6512

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