



LED

Single Color H47 Oval LED

FEATURES:

- Viewing angle 40° / 70°
- For LED Screen
- UV resistant epoxy

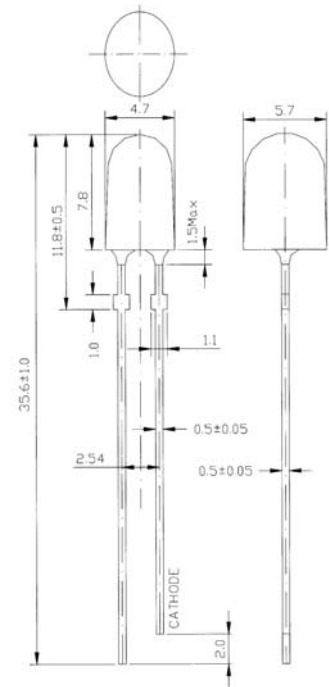


Absolute Max Ratings (Ta=25°C):

Parameter	Symbol	Value
Power Dissipation (mW)	PD	125
DC Forward Current (mA)	IF	50
Pulsed Forward Current* (mA)	IFP	150
Reverse Voltage (V)	VR	5
Operating Temperature (°C)	Topr	-30 ~ +80
Storage Temperature (°C)	Tstg	-40 ~ +100

* Duty 1/10 Pulse Width 0.1ms

Dimensions (Unit: mm)



General Tolerance +0.2, unless specified

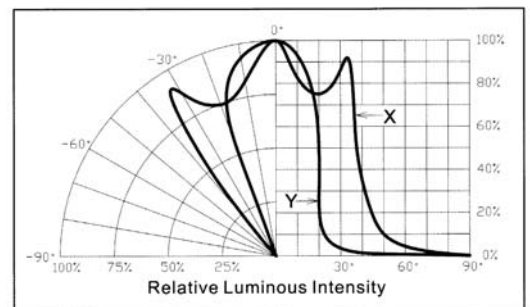
Electrical Optical Characteristics (Ta=25°C):

Part Number	Luminous Intensity (mcd)			Forward Voltage (V)			Dominant Wavelength (nm)			Reverse Current (μA)	
	Min	Max	IF(mA)	Type	Max	IF(mA)	Min	Max	IF(mA)	Max	VR(V)
H47TRCK-S1	1750	3050	20	2.0	2.6	20	620	625	20	5	5
							625	630			
H47TYCK-S1	1300	2300	20	2.2	2.6	20	587	590	20	5	5
							590	593			
H47URCK-S1	835	1500	20	2.0	2.2	20	620	625	20	5	5
							625	630			

Luminous Intensity Rank (mcd)

H47TRCK-S1		H47TYCK-S1		H47URCK-S1	
Rank	Data	Rank	Data	Rank	Data
L	1750-2300	K	1300-1750	H1	835-1120
L1	2000-2650	K1	1500-2000	J	970-1300
M	2300-3050	L	1750-2300	J1	1120-1500

Directive Characteristics



Package:

Bulk: 500 pcs/bag

Taping: 2,000 pcs/reel

Precaution in handling:

It is advised to keep 4.0mm minimum clearance between the resin and the soldering point when soldering.