

L2*660/805/940/6*1300-35Q96-I Multi-wavelength LED

L2X660/805/940/6x1300-35Q96-I consists of of AlGaAs (2x660nm, 805nm), GaAs (940nm) and InGaAs (6x1300nm) LED mounted with AlN heat sink pedestal on TO-5 stem and sealed with an flat glass can.

†Specifications

1)Product No.	Multi-wavelength LED Lamp	(3)Chip numbers	660nm-2pcs, 805-975nm-1pcs, 1300nm-6pcs
2)type No.	L2*660/805/940/6*1300-35Q96-I	4)wire connection	Drawing
3)Chip		4)Package	
(1)Chip material	InGaAlAs GaAlAs InGaAsP	(1)stem type	TO-5 8pin type stem
(2)Peak wavelength	660,805, 940, 1300nm	(2)Lens	Ø5.9mm Flat glass

†Absolute Maximum Ratings Ta=25 °C

Item	Symbol	Maximum Rated Value				Unit
		660	805	940	1300	
Power Dissipation	PD	120	170	140	120	mW
Forward Current	IF	50	100	100	100	mA
Pulse Forward Current	IFP	200	500	1000	1000	mA
Reverse Voltage	VR	5				V
Operating Temperature e	TOPR	-20~+80				°C
Storage Temperature	TSTG	-30~+100				°C
Soldering Temperature	TSOL	240				°C

†Electro-Optical Characteristics(Ta=25 °C)

Item		Symbol	Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	660nm	VF	IF=20mA		1.90	2.30	V
	805nm				1.50	1.70	
	940nm				1.25	1.40	
	1300nm				0.8	1.30	
Reverse Current		IR	VR=5V			10	uA
Total Radiation Power	660nm	Po	IF=20mA		2.9		mW
	805nm				3.5		
	940nm				2.5		
	1300nm				0.8		
Peak Wavelength	660nm	λP	IF=20mA	650	660	670	nm
	805nm			795	805	815	
	940nm			935	940	955	
	1300nm			1250	1300	1350	
Half Width	660nm	λ3	IF=20mA		20		nm
	805nm				30		
	940nm				45		
	1300nm				100		

Outer Dimension



