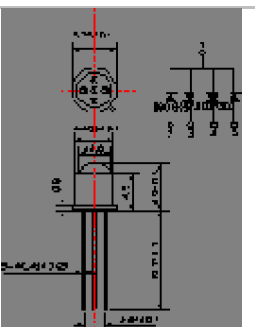


L660/805/1200/1300-35B32 Multi-wavelength LED

L660/805/1200/1300-B32 consists of an AlGaAs'(660, 805nm)and InGaAs'(1200, 1300nm) LED mounted on TO-18 stem with a spherical glass lens.

†Specifications

1)Product No.	Multi-wavelength LED Lamp	Outer Dimension
2)type No.	L660/805/1200/1300-35B32	
3)Chip		
(1)Chip material	GaAlAs InAsP	
(2)Peak wavelength	660, 805,1200,1300nm	
4)Package		
(1)stem type	TO-18 5pin type stem	
(2)Lens	unspherical glass	

†Absolute Maximum Ratings Ta=25 °C

Item	Symbol	Maximum Rated Value				Unit
		660	805	1200	1300	
Power Dissipation	PD	120	170	120	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~+80				°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		1.9	2.2	V
	805nm				1.5	1.7	
	1200nm				0.8	1.3	
	1300nm				0.8	1.3	
Reverse Current		IR	VR=5V			10	uA
Total Radiation Power	660nm	Po	IF=20mA		2.9		mW
	805nm				3.5		
	1200nm				0.12		
	1300nm				0.15		
Peak Wavelength	660nm	λP	IF=20mA	650	660	670	nm
	805nm			795	805	815	
	1200nm			1150	1200	1250	
	1300nm			1250	1300	1350	
Half Width	660nm	λ3	IF=20mA		20		nm
	805nm				30		
	1200nm				75		
	1300nm				75		

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