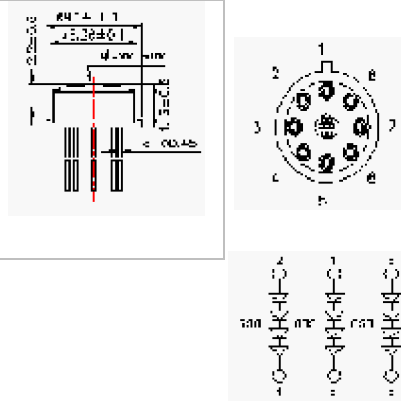


L4*730/4*805/4*850-40Q96-I Multi-wavelength LED

L4X730/4X805/4X850-40Q96-I consists of 12chips ofAlGaAs (730nm, 805nm and 850nm) LED mounted withAlN heat sink pedestal on TO-5 stem and sealed with a flat glass can.

†Specifications

1)Product No.	Multi-wavelength LED Lamp	Outer Dimension 
2)type No.	L4*730/4*805/4*850-40Q96-I	
3)Chip		
(1)Chip material	GaAlAs	
(2)Peak wavelength	730,805,850nm (each 4pcs)	
4)Package		
(1)stem type	TO-18 5pin type stem	
(2)Lens	Flat glass lens	

†Absolute Maximum Ratings Ta=25 °C

Item	Symbol	Maximum Rated Value			Unit
		730	805	850	
Power Dissipation	PD	720	680	640	mW
Forward Current	IF	75	100	100	mA
Pulse Forward Current	IFP	200	300	500	mA
Reverse Voltage	VR	5			V
Operating Temperature	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	VF	IF=20mA		7.6	9.0	V
				6.4	7.2	
				5.6	6.5	
Reverse Current	IR	VR=5V			10	uA
Total Radiation Power	Po	IF=20mA	15	30		mW
			18	30		
			20	30		
Peak Wavelength	λp	IF=20mA	715	730	745	nm
			790	805	8200	
			835	850	865	
Half Width	Δλ	IF=20mA		25		nm
				30		
				40		