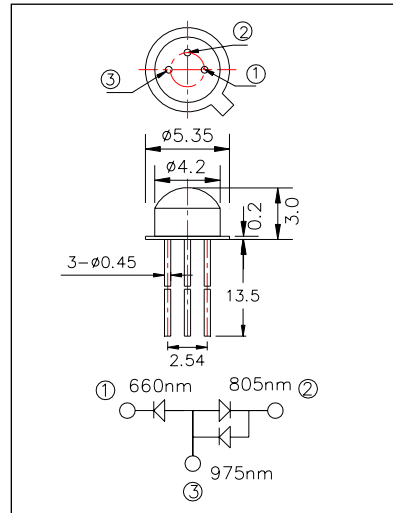


L660/805/975-40D00
Multi-Wavelength LED

This product consists of GaAlAs(660,805nm), GaAs(975nm) LED mounted on TO-18 stem with an epoxy lens.

Outer Dimension (Unit:mm)



<Specifications>

1. Product Name: Multi-Wavelength LED Lamp
2. Type Number: L660/805/975-40D00
3. Chip:
 - Chip material: GaAlAs, GaAs
 - Peak Wavelength: 660,805,975nm
4. Package:
 - Stem: Φ5mm TO-18
 - Lens: Clear Epoxy Resin

Absolute Maximum Ratings[Ta=25°C]					
Item	Symbol	Maximum Rated Value			Unit
		660	805	975	
Power Dissipation	PD	120	170	140	mW
Forward Current	IF	50	100	100	mA
Reverse Voltage	VR	5			V
Operating Temperature	TOPR	-20 ~ +85			°C
Storage Temperature	TSTG	-30 ~ +95			°C
Soldering Temperature*	TSOL	260			°C

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

Electro-Optical Characteristics [Ta=25°C]												
Item	Symbol	Condition	Minimum			Typical			Maximum			Unit
			660	805	975	660	805	975	660	805	975	
Forward Voltage	VF	IF=20mA				1.9	1.4	1.2	2.3	1.6	1.4	V
Reverse Current	IR	VR=5V							10			uA
T. Radiated Power*	PO	IF=20mA	2.5	3.5	1.0	3.5	6.0	2.0				mW
Peak Wavelength	λ P	IF=20mA	650	795	960	660	805	975	670	815	985	nm
Half Width	Δλ	IF=20mA				20	30	55				nm

* Measured by Photodyne #500

