

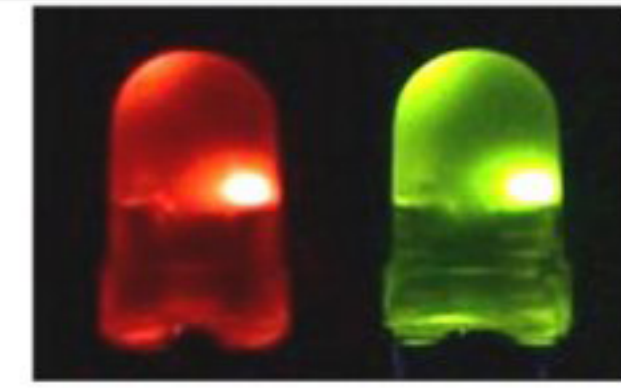
Quickar Electronics, Inc.

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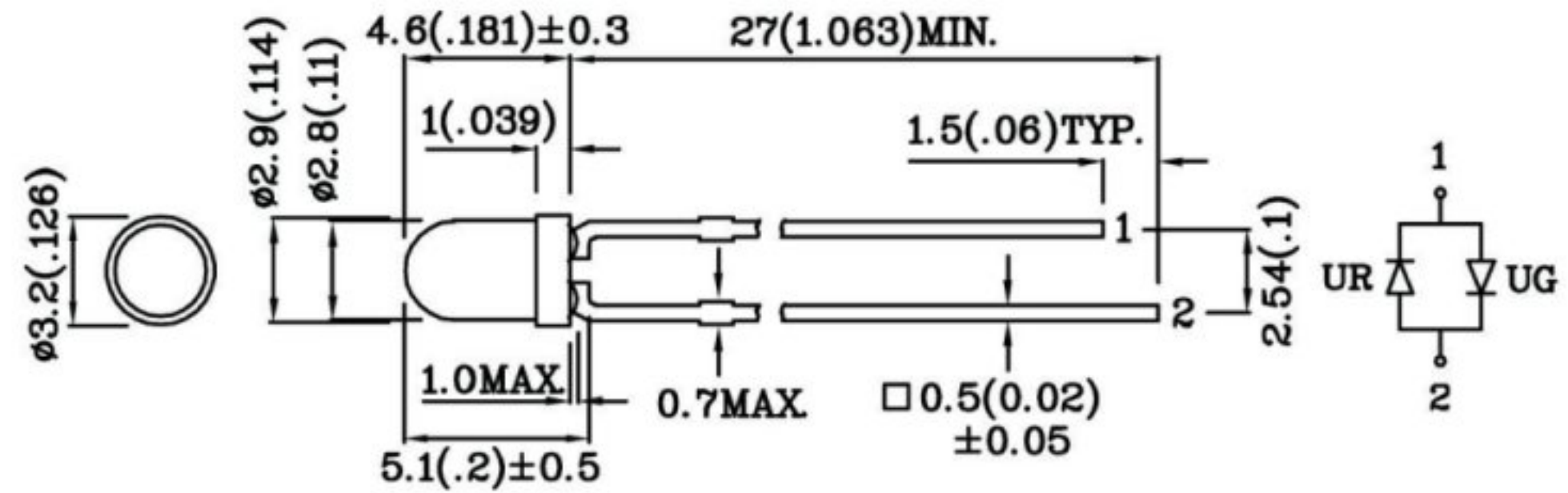
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T-1(3mm) BI-COLOR **Red / Green**



Features

- UNIFORM LIGHT OUTPUT.
- LOW POWER CONSUMPTION.
- I.C. COMPATIBLE.
- LONG LIFE - SOLID STATE RELIABILITY.



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ " unless otherwise noted.

Absolute maximum ratings (TA=25°C)		UR (GaAsP/ GaP)	UG (GaP)	Unit
Forward current	IF	30	25	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	160	140	mA
Power dissipation	PT	105	105	mW
Operating temperature	TA	-40 ~ +85		°C
Storage temperature	Tstg	-40 ~ +85		
Lead solder temperature [2mm below package base]	260°C For 5 Seconds			

Operating Characteristics (TA=25°C)		UR (GaAsP/ GaP)	UG (GaP)	Unit
Forward voltage (typ.) (IF=20mA)	VF	2.0	2.2	V
Forward voltage (max.) (IF=20mA)	VF	2.5	2.5	V
Wavelength at peak emission (IF=20mA)	λ peak	627	565	nm
Wavelength at Dominate emission (IF=20mA)	λ D	625	568	nm
Spectral Line half-width (IF=20mA)	$\Delta\lambda$	45	30	nm
Capacitance (VF=0V, f=1MHz)	C	15	15	pF

Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd		Wavelength nm λ P	Viewing Angle 2θ 1/2
			min.	typ.		
Red	GaAsP/GaP	White Diffused	7	19	627	60°
Green	GaP		7	15	565	

To order Email sales@quickar.com or call Toll Free 1-866-591-7391