



ROBERT STĘPIEŃ
HURTOWNIA CZĘŚCI ELEKTRONICZNYCH
podzespoly-elektroniczne.pl

Dioda LED 10mm czerwona KTL1000CDI



Dane techniczne:

Nazwa: KTL1000CDI

Średnica diody LED: 10mm

Prąd diody LED: 20mA

Napięcie diody LED: 1.8-2.4V

Soczewka diody: dyfuzyjna

Jasność: 120mcd

Kolor diody LED: czerwony

Kąt świecenia: 55°

Długość fali: 630nm

www.podzespoly-elektroniczne.pl

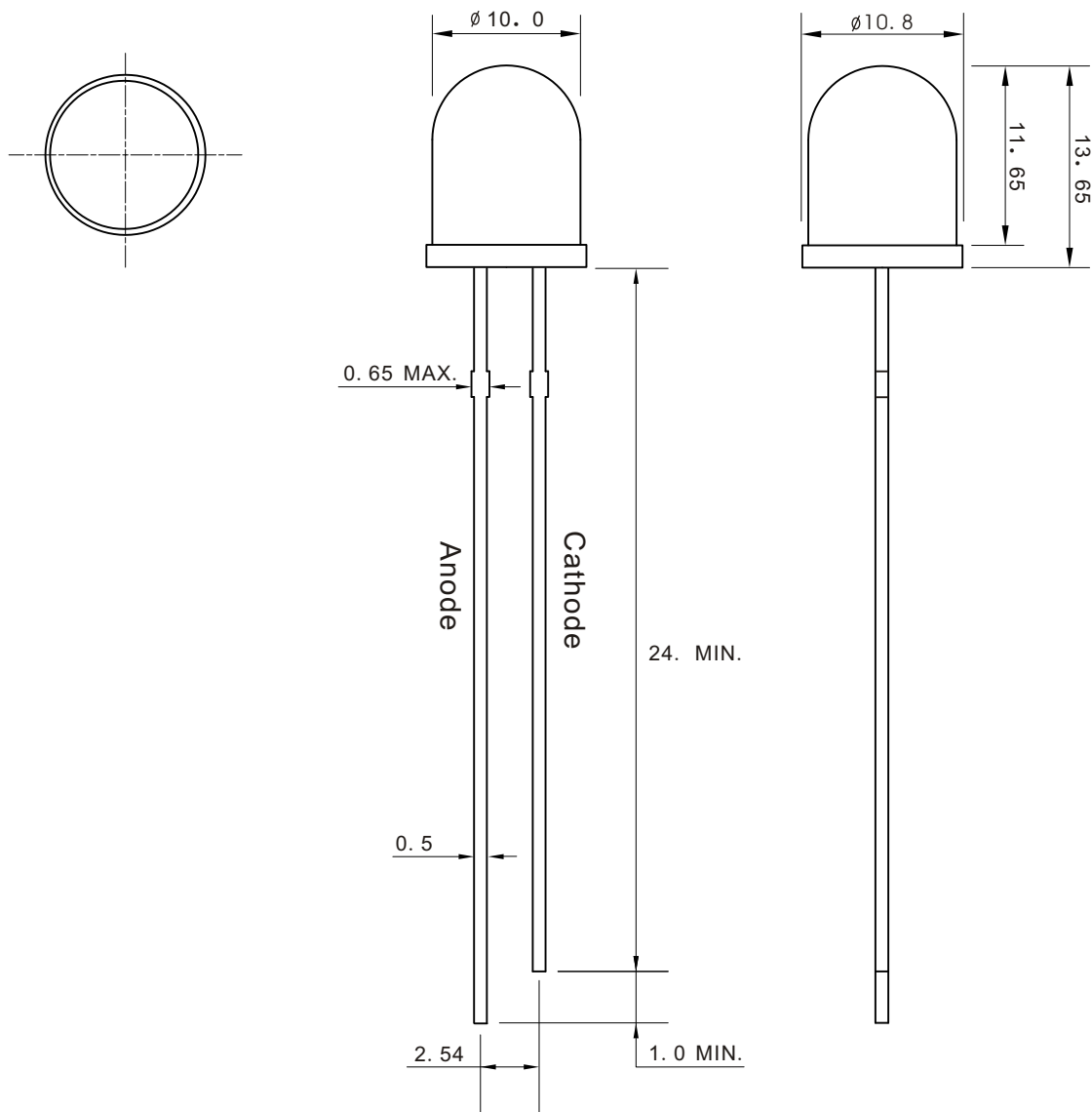
Robert Stępień Hurtownia Części Elektronicznych; Adres: ul. Wolumen 2, pawilon 71; 01-912 Warszawa; tel.: 601 296 402 / sklep@podzespoly-elektroniczne.pl

KTL1000CDI

Features

- * 10.0mm x 13.65mm round LED lamp
- * Low power requirement
- * I. C. Compatible
- * Easy assembly
- * RoHs compliant
- * Wide viewing angle
- * Bicolour version available

Part No.		KTL1000CDI
Lens		Red Diffused
Chip	Ram Material	AlGaInP
	Emitted colour	Red



Absolute Maximum Rating: (TA=25°C)

Parameter	Symbol	Maximum Rating	Unit
Peak Forward Current	IFp	100	mA
Forward Current	IF	20	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	80	mW
Operating Temperature	Topr	-40~+85	°C
Storage Temperature	Tstg	-40~+85	°C
Electrostatic Discharge	ESD		V
Soldering Temperature		350°C for 5 seconds	

Lead soldering Temperature (4mm from body) : 260°C for seconds

Optical-Electrical Characteristic: (TA=25°C)

Parameter	Symbol	Condition	Min.	Type	Max.	Unit
Forward Current	VF	IF=20mA	1.8	—	2.4	V
Reverse Current	IR	VR=5V		—	20	uA
Dominant Wavelength	λ_d	IF=20mA	620	625	630	nm
Peak Wavelength	λ_p	IF=20mA	625	630	635	nm
Luminous Intensity	Iv	IF=20mA	60	120	—	mcd
Viewing Angle	2 θ 1/2	IF=20mA	—	55	—	Deg

Fig. 1

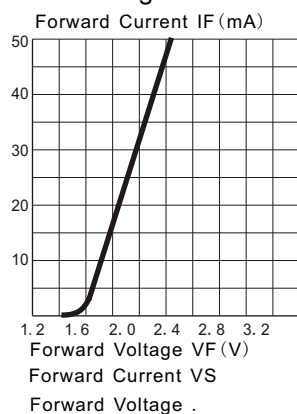


Fig. 2

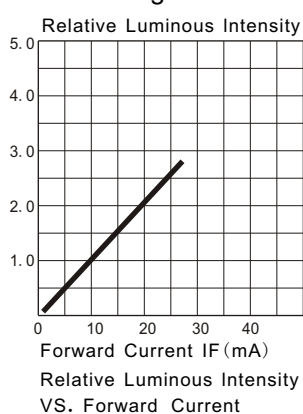


Fig. 3

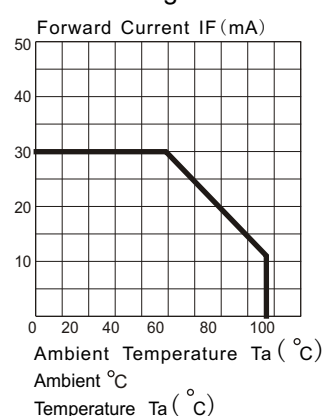


Fig. 4

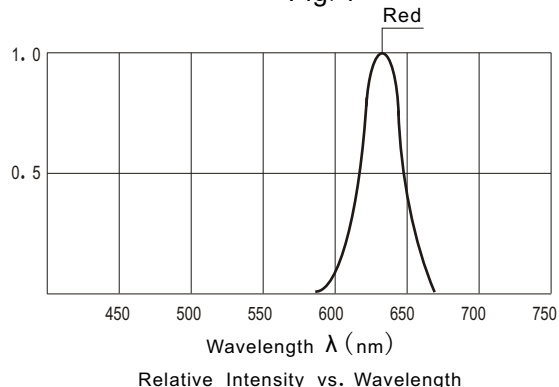


Fig. 5

