

**Infrared Emitting Diode**

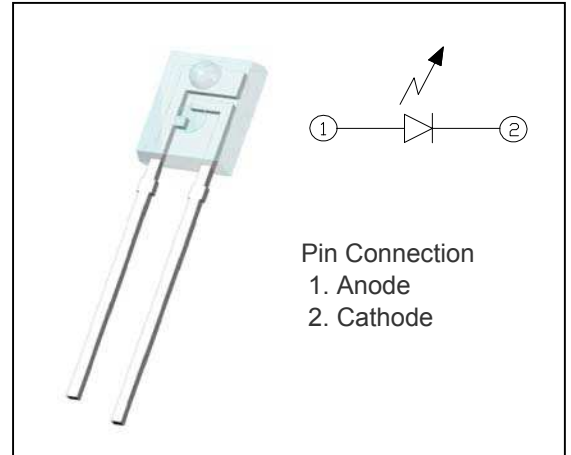
**KET511**

**Description**

The KET511, high-power GaAs IRED mounted in a clear side-looking package, is compact, low profile, and easy to mount.

**Features**

- High reliability
- Compact, low profile package
- Side-looking plastic package



Pin Connection  
 1. Anode  
 2. Cathode



**Applications**

- Photointerrupter
- Optical switches
- Mouse, toys

**Absolute Maximum Ratings**

[T<sub>A</sub> = 25°C ]

Parameter	Symbol	Min.	Max.	Max.
Reverse Voltage	V <sub>R</sub>	-	5	V
Forward Current	I <sub>F</sub>	-	50	mA
Power Dissipation	P <sub>D</sub>	-	75	mW
Pulse Forward Current*1	I <sub>FP</sub>	-	1	A
Operating Temperature	T <sub>opr</sub>	-30	85	°C
Storage Temperature	T <sub>stg</sub>	-40	85	°C
Soldering Temperature*2	T <sub>sol</sub>	-	260	°C

\*1 : Pulse Width : T<sub>w</sub> ≤ 100 μs, Periode : T = 10ms

\*2 : Distance from end of the package=2mm, time=5sec, Max

The contents of this data sheet are subject to change without advance notice for the purpose of improvement. When using this product, would you please refer to the latest specifications.

