P-tec Corp.
2405 Commerce Circle
Alamosa Co. 81101
www.p-tec.net

Tel:(800)688-0613
Tel:(719) 589 3122
Fax:(719) 589 3592
sales@p-tec.net

PL16 Series 5MM T1¾ Super Bright Red LED

Features

*Popular 5mm Lens Style with Flange
*Low Current Requirements
*High Light Output
*Reliable & Rugged
*IC compatible
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	66mW
Reverse Voltage (<100µA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	- 25°C to +85°C
Storage Temperature Range	- 40°C to +100°C
Soldering Temperature (1.6mm below body)	260°C for 5 seconds

Electrical & Optical Characteristics at T_A = 25°C

Part Number	Emitting Color	Chip Material	Peak Wave Length	Dominant Wave Length	Viewing Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
Water Clear Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL16-WCR21	Dark Red	AlGaAs	660	643	10°	1.8	2.2	250.0	420.0

All dimensions are in **Millimeters**. Tolerance is ± 0.25mm unless otherwise specified. An epoxy meniscus may extend about 1mm down the leads.

