

P-tec Corp. Tel:(866) 695 4162
 2405 Commerce Circle Tel:(719) 589 3122
 Alamosa CO 81101 Fax:(719) 589 3592
 www.p-tec.net



PL523 Series 5mm LED Panel Mount Metal Holder

Features

- *Panel Mount Indicator with Inner Reflector
- *Chrome or Black Finish
- *Mounting Hole 8 mm (0.315")
- *Mounting Hardware Included
- *1 Yellow LED with Color Diffused Lens used
- *26AWG Red (+) and Black (-) 6" Wire Leads
- *RoHS Compliant

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Power Dissipation.....	78mW
Reverse Voltage (<math><100\mu\text{A}</math>).....	5.0V
Max Forward Current.....	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1 ms Pulse Width).....	100mA
Operating Temperature Range.....	-25°C to +85°C
Storage Temperature Range.....	-40°C to +100°C
Soldering Temperature (1.6 mm below body).....	260°C for 5 seconds

Electrical & Optical Characteristics at $T_A = 25^\circ\text{C}$

Part Number Add S for Chrome Finish Add B for Black Finish	Emitting Color	Chip Material	Peak Wave Length nm	Dominant Wave Length nm	Viewing Angle 20 1/2 Deg	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
						Typ	Max	Min	Typ
PL523-1Y01-2	Yellow	GaAsP	585	590	35°	2.1	2.6	14.0	27.0

All dimensions are in Millimeters. Tolerance is $\pm 0.25\text{mm}$ unless otherwise specified.

