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PL505 Series 5mm Quad-Level CBI LED

Features

*4 Wide Circuit Board Indicator LED, Right Angled
*Housing Material Black Nylon UL94V-2
*4 Deep Red LEDs with Color Diffused Lens
*Rugged and Durable
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation	78mW
Reverse Voltage (<100 µA)	5.0V
Max Forward Current	30mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-40°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°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)	
Color Diffused Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL505-4R21	Deep Red	AlGaAs	660	643	38°	1.8	2.2	90.0	160.0

All dimensions are in **Millimeters**. Tolerance is ± 0.5mm unless otherwise specified.



