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PL84 Series Bi-Color 3 Leaded 5mm (T1¾) LED

Features

*Popular 5mm Lens Style with Flange
*Green & Yellow Chips used
*Common Cathode
*White Diffused Lens for a Wide Viewing Angle
*2.54 mm Lead Spacing
*Both LED Chips lit will create a 3rd Color
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Power Dissipation (Green)	78mW
Power Dissipation (Yellow)	78mW
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)	
White Diffused Lens			nm	nm	Deg	Typ	Max	Min	Typ
PL84-WDGY1301	Green Yellow	GaP GaAsP	567 585	572 590	70°	2.1 2.1	2.6 2.6	13.5 10.5	34.0 30.0

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

