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PL83 Series Bi-Color 3mm (T1) LED

Features

*Flanged
*Industry standard size
*Multi-Color combinations
*RoHS Compliant

Absolute Maximum Ratings at T_A = 25°C

Reverse Voltage (<100μA)	5.0V
Max Forward Current	20mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100mA
Operating Temperature Range	-25°C to +85°C
Storage Temperature Range	-25°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	Material	Peak Wave Length	View Angle 2θ ½	Forward Voltage @20mA (V)		Luminous Intensity @20mA (mcd)	
White Diffused			(nm)	Deg	Typ	Max	Min	Typ
PL83-WDRG2115	Dark Red /High Eff Green	GaAlAs on GaAs /GaP	660/567	118°	1.7/2.1	2.2/3.0	35.0/15.0	59.0/25.0

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

