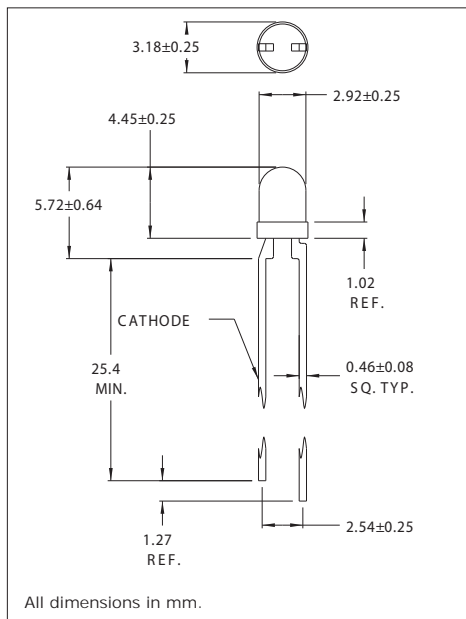




T-100 (T-1) Non-Diffused Lens LED Lamps

DESCRIPTION AND FEATURES



This series of lamps offers both standard and ultra-bright devices. The HLMP1X40 devices are pin for pin replacements for Hewlett Packard lamps. All lamps are tinted to some degree to aid in their identification. These lamps feature high efficiency GaP based chips, 2.54mm lead spacing, T-1 diameter and wide view angles. These lamps are excellent replacements for the HLMP-1X20/1 series.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

Part Number	Emitted Color	Lens Color	Package Type	Luminous Intensity		Forward Voltage		Viewing Angle (degrees)	Peak Wavelength (nm)
				Min. (mcd)	Typ. (mcd)	Typ. (V)	Max. (V)		
HLMP1440	Yellow	Pale Tint	Non-Diffused	24.0	60.0	2.2	3.0	35	585
CMD5360	Yellow	Pale Tint	Non-Diffused	6.0	12.0	2.1	3.0	35	585
CMD53621	Yellow	Yellow	Non-Diffused	3.0	4.0	2.1	3.0	35	585
CMD53622	Yellow	Yellow	Non-Diffused	6.0	8.0	2.1	3.0	35	585
HLMP1540	H.E.Green	Pale Tint	Non-Diffused	24.0	60.0	2.2	3.0	35	565
CMD5460	H.E.Green	Pale Tint	Non-Diffused	6.0	12.0	2.1	3.0	35	565
CMD54624	H.E.Green	Green	Non-Diffused	6.0	12.0	2.1	3.0	35	565
HLMP1340	H.E.Red	Pale Tint	Non-Diffused	24.0	60.0	2.2	3.0	35	635
CMD5760	H.E.Red	Pale Tint	Non-Diffused	6.0	12.0	2.0	3.0	35	635
CMD57620	H.E.Red	Red	Non-Diffused	1.5	2.0	2.0	3.0	35	635
CMD57621	H.E.Red	Red	Non-Diffused	3.0	4.0	2.0	3.0	35	635
CMD57622	H.E.Red	Red	Non-Diffused	6.0	12.0	2.0	3.0	35	635

ABSOLUTE MAXIMUM RATINGS

Power Dissipation..... 120 mW
 Operating/Storage Temperature..... -55 to +100°C
 Peak Forward Current (1µs @ 0.3% duty cycle)..... 90mA
 Reverse Voltage (IR=100µA)..... 5.0V
 Forward Current..... 30mA
 Lead Solder Time at 260°C..... 5 seconds

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product