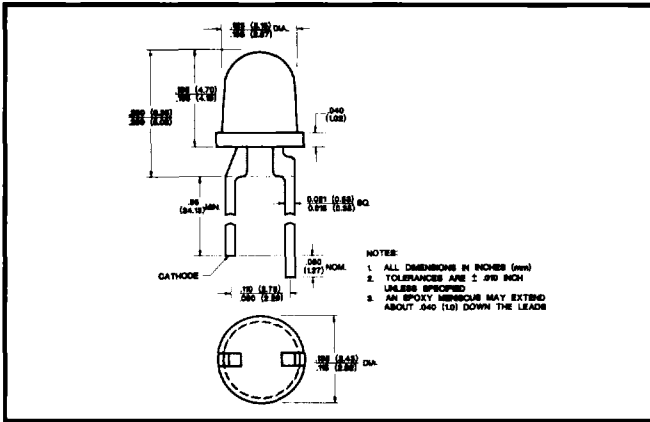




T-100 (T-1) Non-Diffused Lens LED Lamps

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, 0.100 (2.54mm) lead spacing, T-1 diameter and wide view angles. These lamps are excellent replacements for the HLMP-1X20/1 Series.

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Solid State
Products

ELECTRO-OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Lens Color	Package Type	Luminous Intensity			Forward Voltage			Capacitance pF Vr=0, f=1MHz	Peak Wavelength (nm)	View Angle (Degrees)
				Min. mcd	Typ. mcd	mA	Typ.	Max.	mA			
HLMP1440	Yellow	Pale Tint	Non-Diffused	24.0	60.0	20	2.2	3.0	20	45	585	45
CMD5360	Yellow	Pale Tint	Non-Diffused	6.0	12.0	20	2.1	3.0	10	45	585	45
CMD53621	Yellow	Yellow	Non-Diffused	3.0	4.0	20	2.1	3.0	10	45	585	45
CMD53622	Yellow	Yellow	Non-Diffused	6.0	8.0	20	2.1	3.0	10	45	585	45
HLMP1540	H.E. Green	Pale Tint	Non-Diffused	24.0	60.0	20	2.2	3.0	20	20	565	45
CMD5460	H.E. Green	Pale Tint	Non-Diffused	6.0	12.0	20	2.1	3.0	20	20	565	45
CMD54624	H.E. Green	Green	Non-Diffused	6.0	12.0	20	2.1	3.0	20	20	565	45
HLMP1340	H.E. Red	Pale Tint	Non-Diffused	24.0	60.0	20	2.2	3.0	20	45	635	45
CMD5760	H.E. Red	Pale Tint	Non-Diffused	6.0	12.0	10	2.0	3.0	10	45	635	45
CMD57620	H.E. Red	Red	Non-Diffused	1.5	2.0	10	2.0	3.0	10	45	635	45
CMD57621	H.E. Red	Red	Non-Diffused	3.0	4.0	10	2.0	3.0	10	45	635	45
CMD57622	H.E. Red	Red	Non-Diffused	6.0	12.0	10	2.0	3.0	10	45	635	45

ABSOLUTE MAXIMUM RATINGS

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

TYPICAL CHARACTERISTIC CURVES

