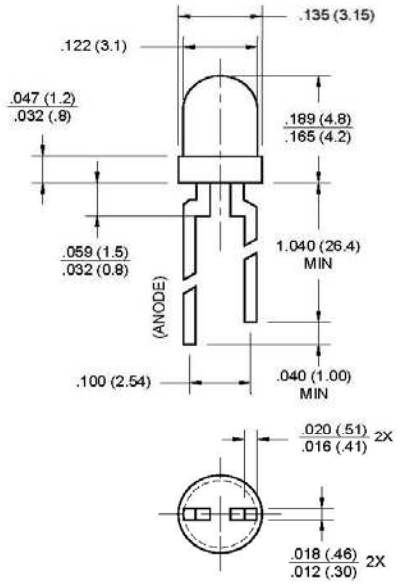
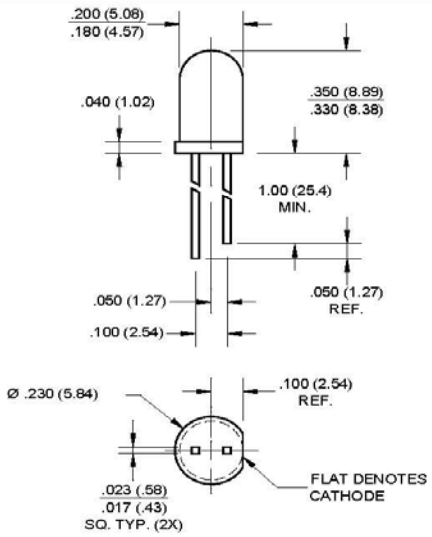
LOW CURRENT T-100 & T-1 3/4
SOLID STATE LAMPS

HER	HLMP-1700	HLMP-4700
YELLOW	HLMP-1719	HLMP-4719
GREEN	HLMP-1790	HLMP-4740 (MV2454)

PACKAGE DIMENSIONS



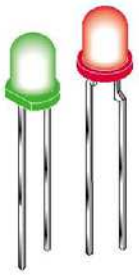
HLMP-17XX



HLMP-47XX

FEATURES

- Low power consumption (low current drive at 2mA)
- Solid state reliability
- Tinted and diffused



DESCRIPTION

The T-1 3/4 HLMP-47XX series and T-100 HLMP-17XX series are tinted diffused, providing a moderate viewing angle. These parts are optimized for low current and are brighter than the standard LED lamps operated at very low current.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES (mm).
2. TOLERANCE ARE ±.010" UNLESS OTHERWISE SPECIFIED.
3. AN EPOXY MENISCUS MAY EXTEND ABOUT .040"(1 mm) DOWN THE LEADS.

LOW CURRENT T-100 & T-1 3/4
SOLID STATE LAMPS

ABSOLUTE MAXIMUM RATING (T_A =25°C)

Parameter	HER	YELLOW	GREEN	UNITS
Power Dissipation (derated from 92°C at 1mA/°C)	27	24	27	mW
Peak Forward Current (PW ≤ 1 ms, DF ≤ 30 %)	25	20	25	mA
Continuous Forward Current	7.5	7.5	7.5	mA
Lead Soldering Time at 260° C	5	5	5	sec
Reverse Breakdown Voltage (V)	5	5	5	I_R = 100µA
Operating Temperature	-55 to +100	-55 to +100	-55 to +100	°C
Storage Temperature	-55 to +100	-55 to +100	-55 to +100	°C

ELECTRICAL / OPTICAL CHARACTERISTICS (T_A =25°C)

HER YELLOW Parameter	**GREEN**	**Condition**
HLMP-1700/4700HLMP-1719/4719Luminous Intensity (mcd) Minimum 1.0/1.2 1.0/1.2 Typical 2.0/2.0 2.0/2.0 Forward Voltage (V) Maximum 2.2 2.7 Typical 1.8 1.9 Peak Wavelength (nm) 635 585 Spectral Line Half Width 45 35 Viewing Angle (°) 50/35 50/35	HLMP-1790/4740(MV2454)1.0/1.2 2.0/3.0 2.7 1.9 565 30 50/35	I_F = 2mA I_F = 2mA I_F = 2mA I_F = 2mA I_F = 2mA

LOW CURRENT T-100 & T-1 3/4 SOLID STATE LAMPS

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2. A critical component in any component of a life support systems device or system whose failure to perform can be implant into reasonably expected to cause the failure of the life and (c) device or system, or to affect its safety or effectiveness.

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