



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

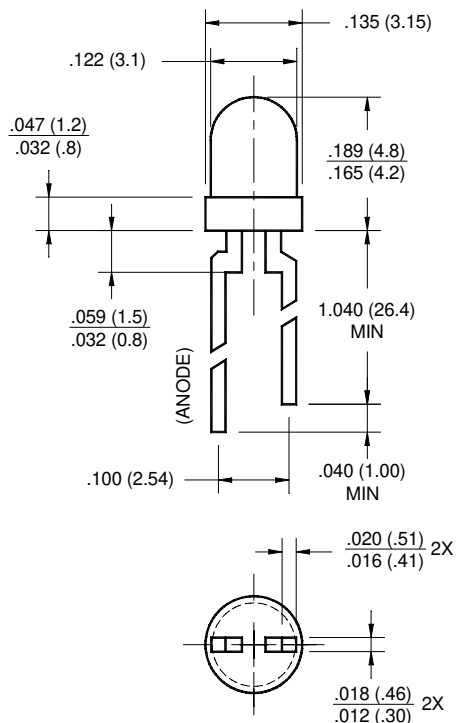


HER
YELLOW
GREEN

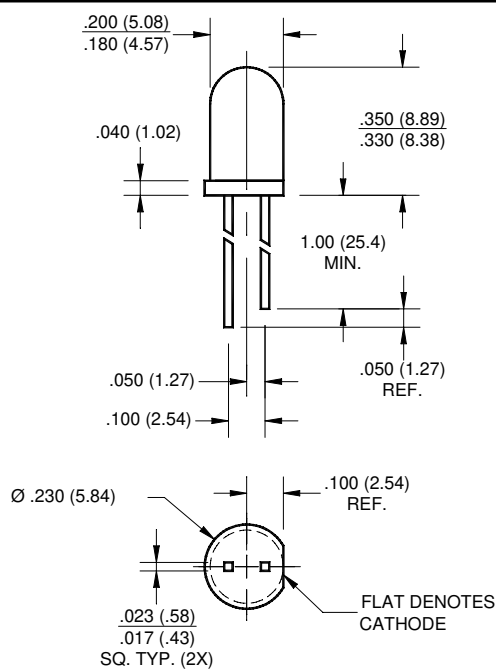
HLMP-1700
HLMP-1719
HLMP-1790

HLMP-4700
HLMP-4719
HLMP-4740 (MV2454)

PACKAGE DIMENSIONS



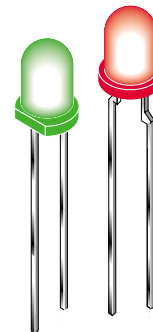
HLMP-17XX



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 $\pm .010"$ UNLESS OTHERWISE SPECIFIED.
3. AN EPOXY MENISCUS MAY EXTEND ABOUT $.040"$ (1 mm) DOWN THE LEADS.

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)

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

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