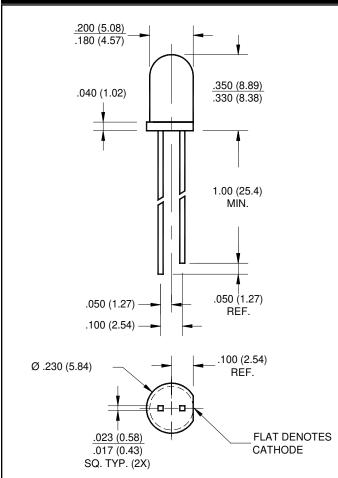


T-1 3/4 (5mm) SOLID STATE LAMPS

HLMP-D600	TINTED
HLMP-D640	CLEAR
HLMP-D400	TINTED
HLMP-D401	TINTED
	HLMP-D640 HLMP-D400

PACKAGE DIMENSIONS



FEATURES

- Popular T-1 3/4 package
- Low drive current
- · Solid state reliability
- Wide viewing angle
- · Choice of pure green or soft orange colors



DESCRIPTION

These T-1 3/4 LEDs are widely used as general purpose indicators. The pure green lamps is made with a GaP LED on a GaP substrate. The soft orange is made with a GaAsP LED on a GaP substrate. They are encapsulated in epoxy packages and are designed to provide superior light output and a wide viewing angle.

NOTES:

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

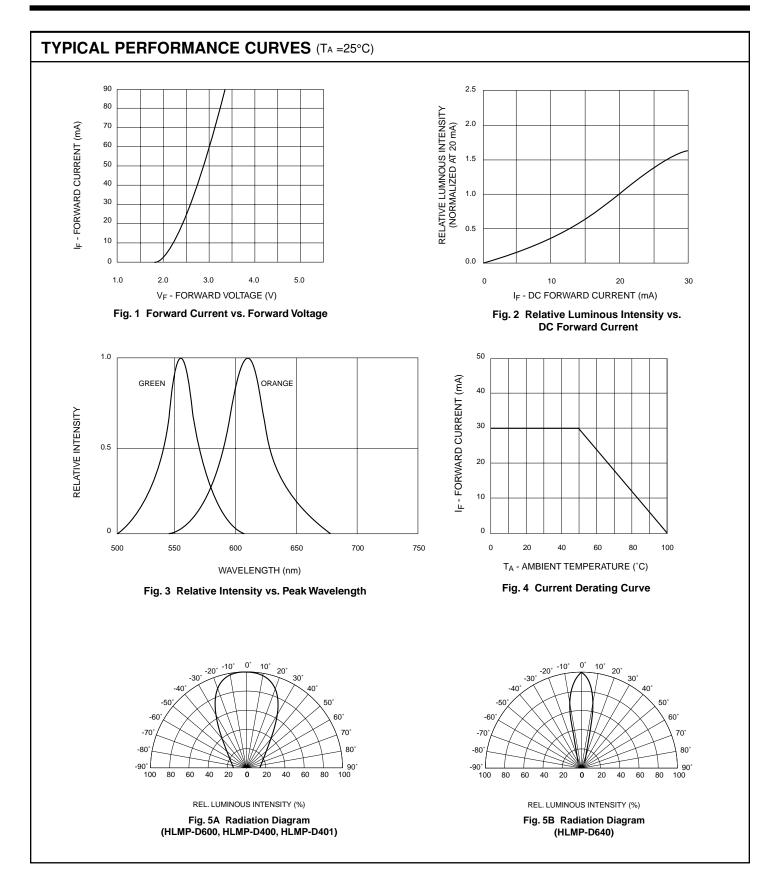
ABSOLUTE MAXIMUM RATING (TA =25°C)

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Parameter	GREEN	ORANGE	UNITS
Power Dissipation	110	110	mW
Forward Current	40	40	mA
Peak Forward Current (f=1kHz, DF=10%)	200	200	mA
Lead Soldering Time at 260° C	5	5	sec
Operating Temperature	-40 to +100	-40 to +100	°C
Storage Temperature	-40 to +100	-40 to +100	°C

Part Number	HLMP-D600	HLMP-D640*	HLMP-D400	HLMP-D401	Condition
Luminous Intensity (mcd)					I _F = 10mA
Minimum	1.0	6.7	2.1	4.0	
Typical	3.0	6.0	3.5	7.0	
Forward Voltage (V)					I _F = 10mA
Maximum	2.7	3.0	2.4	2.4	
Typical	2.1	2.2	1.9	1.9	
Peak Wavelength (nm)	555	555	612	612	I _F = 10mA
Spectral Line Half Width (nm)	24	24	40	40	I _F = 10mA
Reverse Voltage (V)	5	5	5	5	l _R = 100μA
Viewing Angle (°)	60	24	60	60	$I_F = 10 mA$

* HLMP-D640 test condition is $I_F = 20mA$







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