

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



#### HLMP-3X50A MV3X50

## FEATURES

- Pale tint
- Sturdy leads with or without stand-off on T-1 3/4
- Excellent for small area backlighting
- HER
- HLMP-3750A
- MV3750
- Green

HLMP-3950A

MV3450

- Yellow
  - HLMP-3850A

MV3350



### DESCRIPTION

The HLMP-3X50 series consists of tinted and water clear T-1 3/4 LED lamps with standoffs.

The MV3X50 series is the same as Agilent's HLMP-3X50A series, except for the standoffs.

Both series are available in red, yellow and green with a minimum intensity of 80mcd.

NOTES:

ALL DIMENSIONS ARE IN INCHES (mm).

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ABSOLUTE MAXIMUM RATING (T <sub>A</sub> =25°C)				
Parameter	HER	YELLOW	GREEN	UNITS
Power Dissipation	135	85	135	mW
Peak Forward Current	90	60	90	mA
Continuous DC Forward Current	30	20	30	mA
Lead Soldering Time at 260° C	5	5	5	sec
Operating Temperature	-55 to +100	-55 to +100	-50 to +100	°C
Storage Temperature	-55 to +100	-55 to +100	-50 to +100	°C

ELECTRICAL / OPTICAL CHARACTERISTICS (TA =25°C)						
Parameter	MV3750	MV3350	MV3450			
	HLMP-3750A	HLMP-3850A	HLMP-3950A	Condition		
Luminous Intensity (mcd)				I <sub>F</sub> = 20mA		
Minimum	80	80	80			
Typical	150	150	150			
Forward Voltage (V)				I <sub>F</sub> = 20mA		
Maximum	3.0	3.0	3.0			
Typical	2.2	2.2	2.2			
Peak Wavelength (nm)	635	585	565	I <sub>F</sub> = 20mA		
Reverse Voltage (V)	5	5	5	I <sub>R</sub> = 100μA		
Viewing Angle (°)	24	24	24	I <sub>F</sub> = 20mA		







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