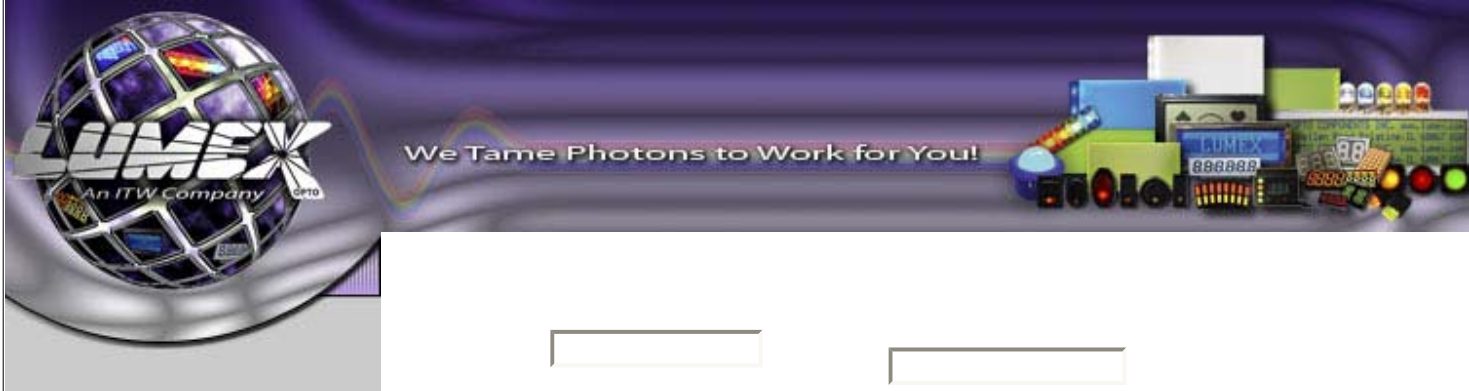




Products > LEDs > Surface Mount > OctoLED 1505 Package



Features / Options

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Choice of Colors and Lens Finishes
- ▶ Lead Frame / Lens Casting Reliability
- ▶ Easy-to-Solder Leads, Tin Finish
- ▶ Available Bulk or on Tape and Reel
- ▶ Lead Trimming and Forming Available
- ▶ Custom Shapes, Easily Tooled, Low Minimum

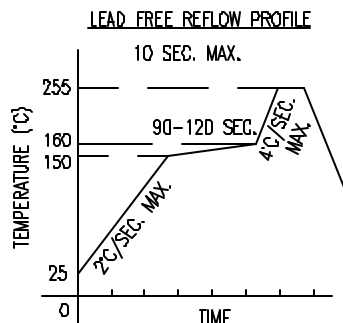
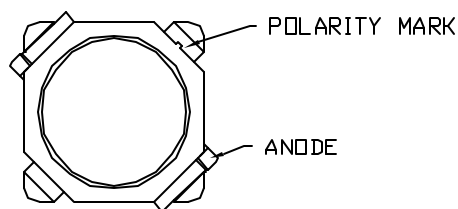
Applications / Uses

- ▶ Board or Panel Indication or Illumination
- ▶ Annunciator and Control Panels
- ▶ Telecom Switches and Central Station Equipment
- ▶ Large Panel Indicators

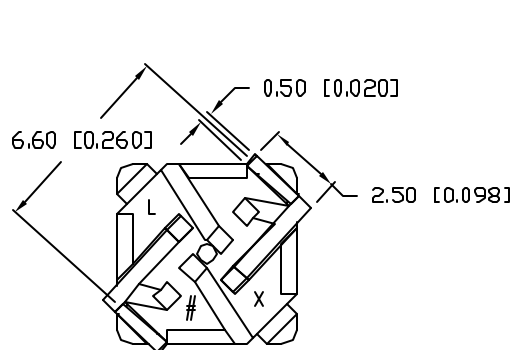
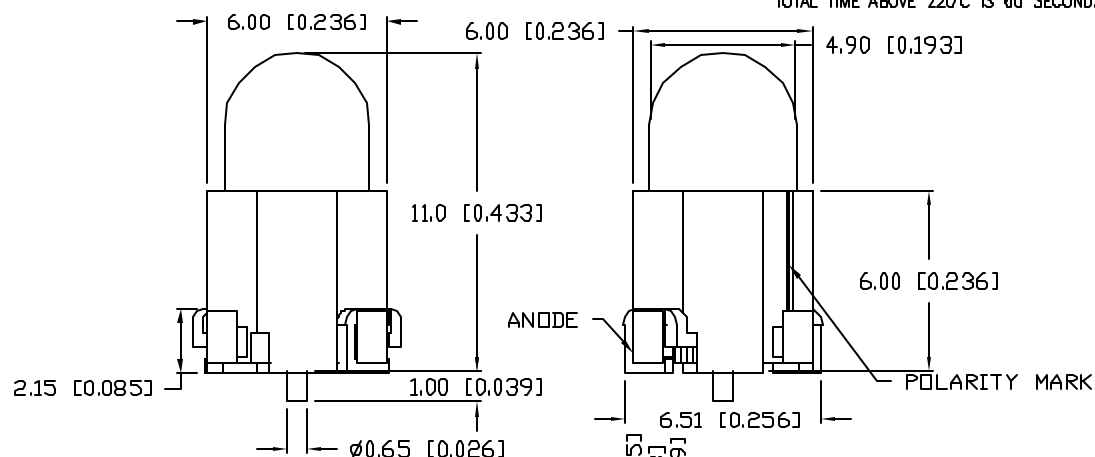
Part Number:		Brightness	Dice Material	Emitted Color	Peak Wavelength	Epoxy Lens	Operating Typ Vf (V)	Intensity Typ, mcd @ 20 mA	View Angle 2x Theta		
SML-H1505SIC-TR		HIGH	AlInGaP	Red	635	Clear	2.0	700	60		—
SML-H1505SID-TR		HIGH	AlInGaP	Red	635	Diffused	2.0	460	65		—
SML-H1505SIUPGUSBC		HIGH	AlInGaP/InGaN/InGaN	RGB	635/525/470	Clear	2.0/3.4/3.4	1100/600/2200	70		—
SML-H1505SIUPGUSBW		HIGH	AlInGaP/InGaN/InGaN	RGB	635/525/470	Milky	2.0/3.4/3.4	1100/600/2200	60		—
SML-H1505SOC-TR		HIGH	AlInGaP	Amber	610	Clear	2.0	1500	68		—
SML-H1505SOD-TR		HIGH	AlInGaP	Amber	610	Diffused	2.0	1000	75		—
SML-H1505SUGC-TR		HIGH	AlInGaP	Green	574	Clear	2.2	200	68		—
SML-H1505SUGD-TR		HIGH	AlInGaP	Green	574	Diffused	2.2	200	75		—
SML-H1505SYC-TR		HIGH	AlInGaP	Yellow	590	Clear	2.0	750	60		—
SML-H1505SYD-TR		HIGH	AlInGaP	Yellow	590	Diffused	2.0	460	70		—
SML-H1505UPGC-TR		HIGH	InGaN	Green	525	Clear	3.4	7000	45		—

UNCONTROLLED DOCUMENT

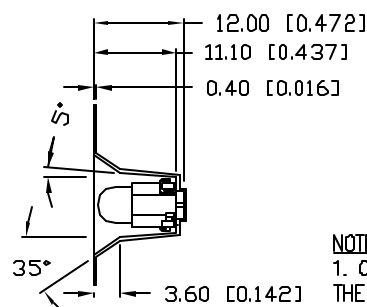
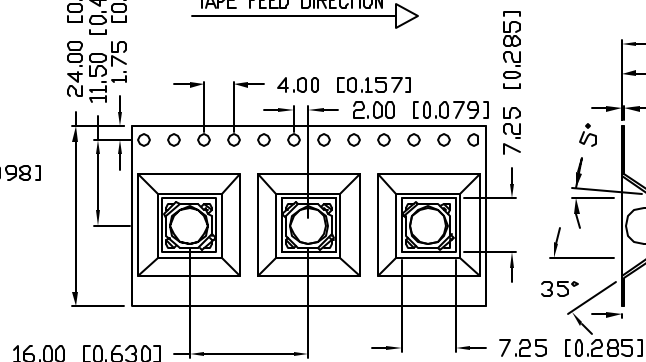
* PATENT PENDING



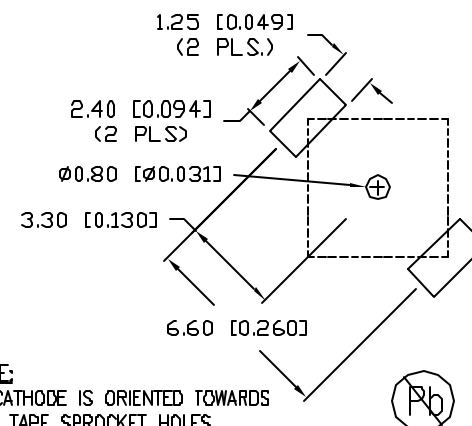
TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



TAPE FEED DIRECTION



RECOMMENDED PAD LAYOUT



NOTE:
1. CATHODE IS ORIENTED TOWARDS
THE TAPE SPROCKET HOLES.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+DECIMAL PRECISION -0.00, MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

SML-H1505SIC-TR

5mm SURFACE MOUNTED DOME LED,
635nm SUPER INTENSITY RED, WATER CLEAR.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



DRAWN BY:

JN

CHECKED BY:

APPROVED BY:

DATE: 03.12.08

PAGE: 1 OF 1

SCALE: N/A