

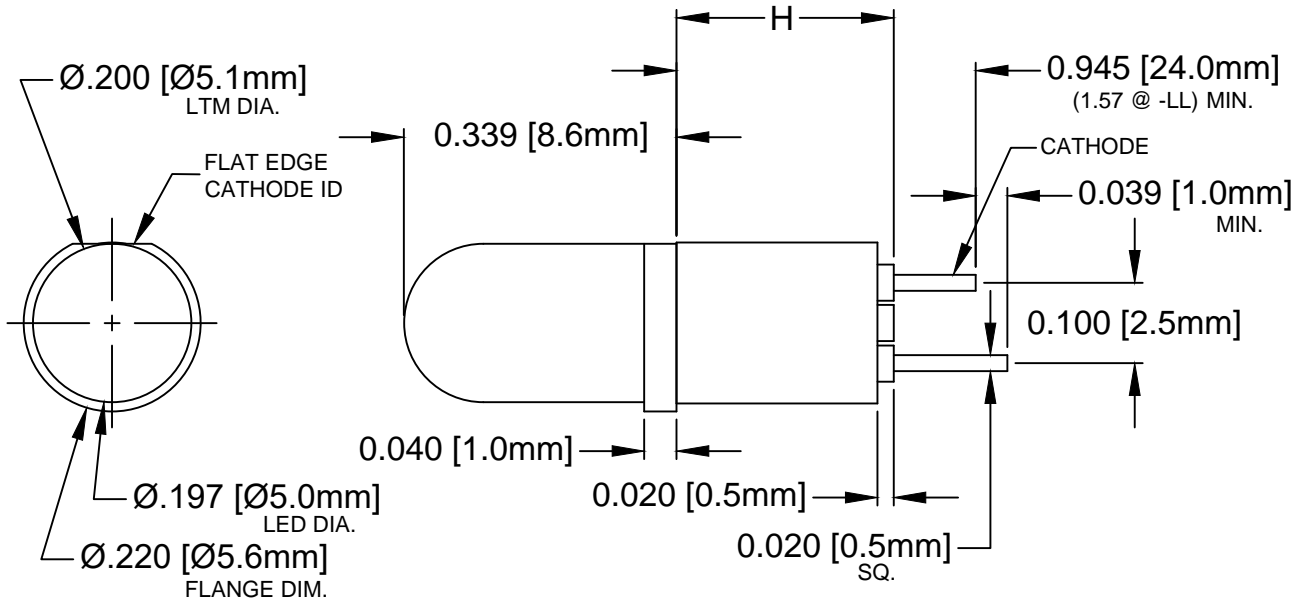


**THE DATASHEET OF  
LTM1805GD**



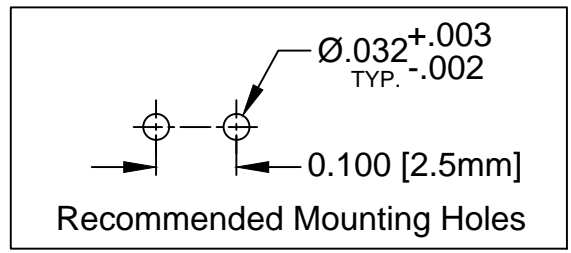
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/30/03	M. C.
B	LED Data Update	07/28/10	T. Y.
C	Engineering Update w/o Changes	06/25/16	J. C.
D	Update per EOL Notice	02/24/20	A. V.
E	ECO-1073 Removed BOM	12/04/20	A. V.

PART NO.	H	PART NO.	H	PART NO.	H
LTM-120	.120(3.1)	LTM-300	.300(7.6)	LTM-490	.490(12.5)
LTM-130	.130(3.3)	LTM-310	.310(7.9)	LTM-500	.500(12.7)
LTM-140	.140(3.6)	LTM-320	.320(8.1)	LTM-520	.520(13.2)
LTM-150	.150(3.8)	LTM-330	.330(8.4)	LTM-550	.550(14.0)
LTM-160	.160(4.1)	LTM-340	.340(8.6)	LTM-570	.570(14.5)
LTM-170	.170(4.3)	LTM-350	.350(8.9)	LTM-600	.600(15.2)
LTM-180	.180(4.6)	LTM-360	.360(9.1)	LTM-620	.620(15.8)
LTM-190	.190(4.8)	LTM-370	.370(9.4)	LTM-650	.650(16.5)
LTM-200	.200(5.1)	LTM-380	.380(9.7)	LTM-670	.670(17.0)
LTM-210	.210(5.3)	LTM-390	.390(9.9)	LTM-700	.700(17.8)
LTM-220	.220(5.6)	LTM-400	.400(10.2)	LTM-720	.720(18.3)
LTM-230	.230(5.8)	LTM-410	.410(10.4)	LTM-750	.750(19.1)
LTM-240	.240(6.1)	LTM-420	.420(10.7)	LTM-770	.770(19.6)
LTM-250	.250(6.4)	LTM-430	.430(10.9)	LTM-800	.800(20.3)
LTM-260	.260(6.6)	LTM-440	.440(11.2)	LTM-820	.820(20.8)
LTM-270	.270(6.9)	LTM-450	.450(11.4)	LTM-850	.850(21.6)
LTM-280	.280(7.1)	LTM-460	.460(11.7)	LTM-870	.870(22.1)
LTM-290	.290(7.4)	LTM-480	.480(12.2)	LTM-900	.900(22.9)



EXAMPLE:  
**LTM5005GD**

- LED Color & Lens Appearance. Omit -F when ordering.
- LTM Height "H"
- Series



## ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

- REVERSE VOLTAGE \_\_\_\_\_ 5V
- REVERSE CURRENT (VR=5V) \_\_\_\_\_ 100µA
- OPERATING TEMPERATURE RANGE \_\_\_\_\_ -25°C ~ 85°C
- STORAGE TEMPERATURE \_\_\_\_\_ -30°C ~ 100°C
- LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) \_\_\_\_\_ 260°C for 5 Seconds

## CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
.XX ± .02		DESIGNED: <b>D. Green</b>	DATE: <b>09/30/03</b>
.XXX ± .010		REVISION: <b>V. Chavez</b>	DATE: <b>12/04/20</b>
DRAWING NO: <b>LTMXXX5XX</b>		SHEET SIZE: <b>A</b>	CAGE CODE: <b>32559</b>
CHECKED: <b>A. Valdez</b>		SCALE: <b>NONE</b>	SHEET # <b>1 OF 2</b>
DATE: <b>12/04/20</b>		CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length $\lambda_p$ (nm)	Emitted Color	Lens Appearance	Electro-Optical Data			Viewing Angle $2\theta_{1/2}$ (Deg)	LED P/N
				Vf (V)		Iv (mcd)		
				TYP	MAX	TYP		
<b>STANDARD</b>				<b>Data @ 20mA</b>				
LTMXXX5AD	605	AMBER	DIFFUSED	2.0	2.8	25	40	5AD-F
LTMXXX5BWD	430	BLUE	DIFFUSED	4.0	4.5	15	40	5BWD-F
LTMXXX5GD	568	GREEN	DIFFUSED	2.1	2.8	25	40	5GD-F
LTMXXX5GT	568	GREEN	TINTED	2.1	2.8	40	35	5GT-F
LTMXXX5HD	625	HE RED	DIFFUSED	2.0	2.8	40	40	5HD-F
LTMXXX5HT	625	HE RED	TINTED	2.0	2.8	50	35	5HT-F
LTMXXX5RD	700	RED	DIFFUSED	2.1	2.8	1.5	40	5RD-F
LTMXXX5YD	590	YELLOW	DIFFUSED	2.0	2.8	25	40	5YD-F
LTMXXX5YT	590	YELLOW	TINTED	2.0	2.8	40	35	5YT-F
<b>LOW CURRENT</b>				<b>Data @ 2mA</b>				
LTMXXX5GDL	568	GREEN	DIFFUSED	2.1	2.6	4	40	5GDL-F

**CUSTOMER USE DRAWING**

**BIVAR<sup>®</sup>**

<b>CAGE CODE</b>	<b>32559</b>	<b>DRAWING NO:</b>	LTMXXX5XX	<b>REVISION:</b>	E
<b>SHEET SIZE</b>	<b>A</b>	<b>SCALE:</b>	NONE	<b>SHEET #</b>	<b>2 OF 2</b>
<small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING</small>					

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View LTM1805GD on WIN SOURCE](#)

 [Bivar Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management