



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

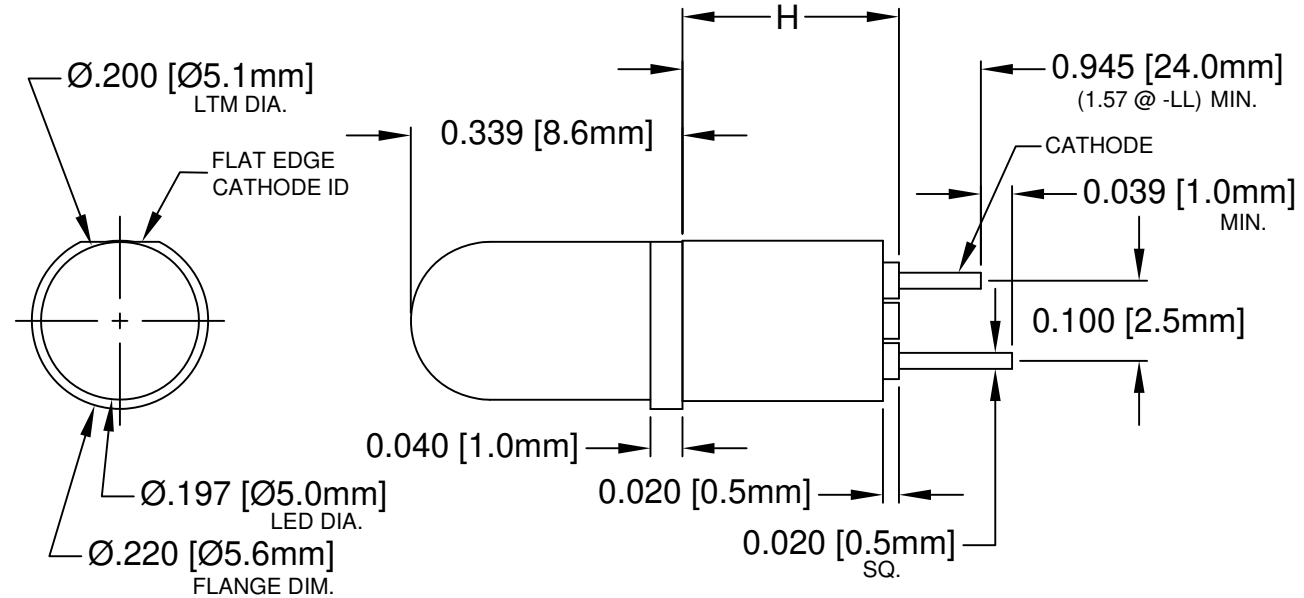
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



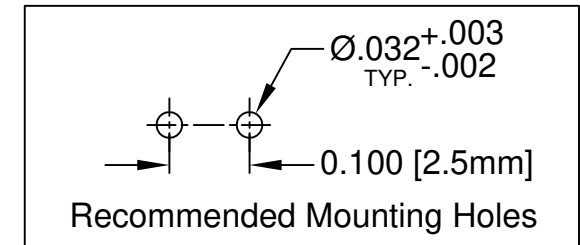
ITEM	QTY	PART NUMBER	PART DESCRIPTION
1	1	LTM-XXX	Molded, Self-Retaining LED Mount
2	1	5XX-F	T-1 3/4 (5mm) Flanged LED, See Pages 2 & 3

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.

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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618	
.X ± .1	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
.XXX ± .010		PART NO: LTMXXX5XX	
DESIGNED: D. Green	DATE: 09/30/03	REVISION: C	
CHECKED: M. Chen	DATE: 09/30/03	CAGE CODE : 32559 SHEET # 1 OF 3	
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		



LED Assy. No.	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ 1/2 (Deg)	LED P/N
				Vf (V)		Iv (mcd)		
				TYP	MAX	TYP		
STANDARD				Data @ 20mA				
LTMXXX5AC	605	AMBER	WATER CLEAR	2.0	2.8	40	35	5AC-F
LTMXXX5AD	605	AMBER	DIFFUSED	2.0	2.8	25	40	5AD-F
LTMXXX5AT	605	AMBER	TINTED	2.0	2.8	40	35	5AT-F
LTMXXX5BWC	430	BLUE	WATER CLEAR	4.0	4.5	30	25	5BWC-F
LTMXXX5BWD	430	BLUE	DIFFUSED	4.0	4.5	15	40	5BWD-F
LTMXXX5BWT	430	BLUE	TINTED	4.0	4.5	30	25	5BWT-F
LTMXXX5GC	568	GREEN	WATER CLEAR	2.1	2.8	40	35	5GC-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
LTMXXX5HC	625	HE RED	WATER CLEAR	2.0	2.8	50	35	5HC-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
LTMXXX5PGC	555	PURE GREEN	WATER CLEAR	2.2	2.8	10	35	5PGC-F
LTMXXX5PGD	555	PURE GREEN	DIFFUSED	2.2	2.8	10	40	5PGD-F
LTMXXX5PGT	555	PURE GREEN	TINTED	2.2	2.8	10	35	5PGT-F
LTMXXX5RC	700	RED	WATER CLEAR	2.1	2.8	2	35	5RC-F
LTMXXX5RD	700	RED	DIFFUSED	2.1	2.8	1.5	40	5RD-F
LTMXXX5RT	700	RED	TINTED	2.1	2.8	2	35	5RT-F
LTMXXX5YC	590	YELLOW	WATER CLEAR	2.0	2.8	40	35	5YC-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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS ANGULAR		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
			
DESIGNED: D. Green	DATE: 09/30/03	TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
CHECKED: M. Chen	DATE: 09/30/03	PART NO: LTMXXX5XX	REVISION: C
		CAGE CODE : 32559	SHEET # 2 OF 3
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length λ_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		
LOW CURRENT				Data @ 2mA				
LTMXXX5ADL	605	AMBER	DIFFUSED	2.0	2.6	4	40	5ADL-F
LTMXXX5BWDL	430	BLUE	DIFFUSED	3.8	4.2	4	40	5BWDL-F
LTMXXX5GDL	568	GREEN	DIFFUSED	2.1	2.6	4	40	5GDL-F
LTMXXX5HDL	625	HE RED	DIFFUSED	2.0	2.6	5	40	5HDL-F
LTMXXX5PGDL	555	PURE GREEN	DIFFUSED	2.1	2.6	1	40	5PGDL-F
LTMXXX5SRDL	645	RED	DIFFUSED	1.7	2.3	6	40	5SRDL-F
LTMXXX5YDL	590	YELLOW	DIFFUSED	2.0	2.6	4	40	5YDL-F

LED Assy. No.	Peak Wave Length λ_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		
5 VOLT				Data @ 5V				
LTMXXX5AD5V	605	AMBER	DIFFUSED	-	5.0	25	40	5AD5V-F
LTMXXX5BWD5V	430	BLUE	DIFFUSED	-	5.0	15	40	5BWD5V-F
LTMXXX5GD5V	568	GREEN	DIFFUSED	-	5.0	25	40	5GD5V-F
LTMXXX5HD5V	625	HE RED	DIFFUSED	-	5.0	30	40	5HD5V-F
LTMXXX5RD5V	700	RED	DIFFUSED	-	5.0	1.5	40	5RD5V-F
LTMXXX5YD5V	590	YELLOW	DIFFUSED	-	5.0	25	40	5YD5V-F

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DESIGNED: D. Green	DATE: 09/30/03	TITLE: MOLDED, SELF-RETAINING T-1 3/4 (5mm) LED MOUNT ASSEMBLY	
CHECKED: M. Chen	DATE: 09/30/03	PART NO: LTMXXX5XX	REVISION: C
		CAGE CODE : 32559	SHEET # 3 OF 3
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			