



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

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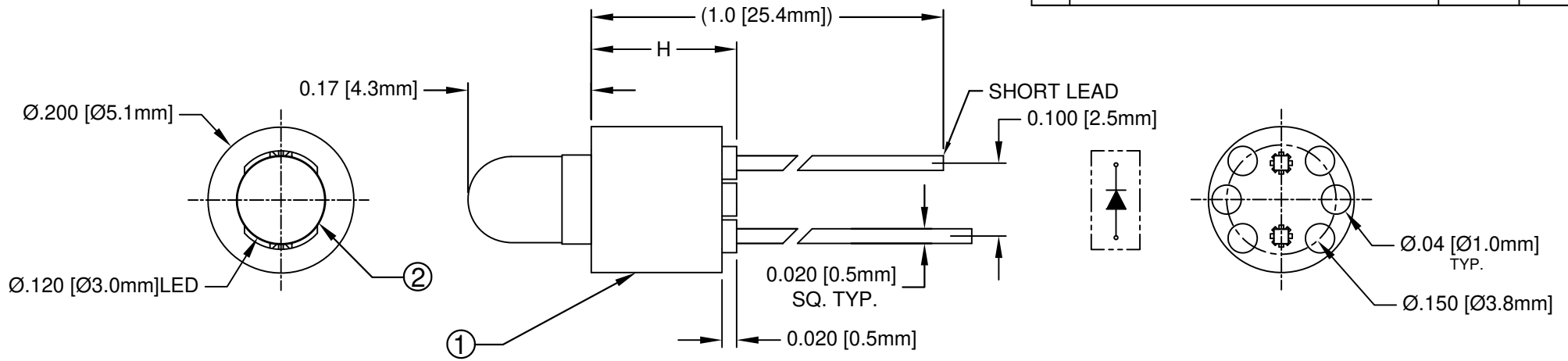
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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	3XX-S	T-1 (3mm) Shouldered LED, See Page 2 & 3

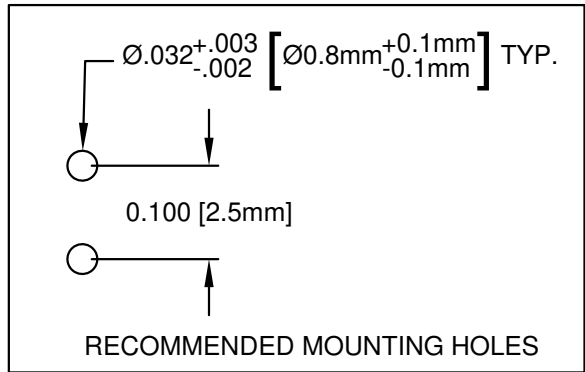
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	07/17/06	M. C.
B	LED Update	10/12/11	T. Y.
C	Added 3GTL-S and 3HTL-S Specs	06/25/16	J. C.



PART NO.	H
LTM-120	.120(3.1)
LTM-130	.130(3.3)
LTM-140	.140(3.6)
LTM-150	.150(3.8)
LTM-160	.160(4.1)
LTM-170	.170(4.3)
LTM-180	.180(4.6)
LTM-190	.190(4.8)
LTM-200	.200(5.1)
LTM-210	.210(5.3)
LTM-220	.220(5.6)
LTM-230	.230(5.8)
LTM-240	.240(6.1)
LTM-250	.250(6.4)
LTM-260	.260(6.6)
LTM-270	.270(6.9)
LTM-280	.280(7.1)
LTM-290	.290(7.4)

PART NO.	H
LTM-300	.300(7.6)
LTM-310	.310(7.9)
LTM-320	.320(8.1)
LTM-330	.330(8.4)
LTM-340	.340(8.6)
LTM-350	.350(8.9)
LTM-360	.360(9.1)
LTM-370	.370(9.4)
LTM-380	.380(9.7)
LTM-390	.390(9.9)
LTM-400	.400(10.2)
LTM-410	.410(10.4)
LTM-420	.420(10.7)
LTM-430	.430(10.9)
LTM-440	.440(11.2)
LTM-450	.450(11.4)
LTM-460	.460(11.7)
LTM-480	.480(12.2)

PART NO.	H
LTM-490	.490(12.5)
LTM-500	.500(12.7)
LTM-520	.520(13.2)
LTM-550	.550(14.0)
LTM-570	.570(14.5)
LTM-600	.600(15.2)
LTM-620	.620(15.8)
LTM-650	.650(16.5)
LTM-670	.670(17.0)
LTM-700	.700(17.8)
LTM-720	.720(18.3)
LTM-750	.750(19.1)
LTM-770	.770(19.6)
LTM-800	.800(20.3)
LTM-820	.820(20.8)
LTM-850	.850(21.6)
LTM-870	.870(22.1)
LTM-900	.900(22.9)



EXAMPLE:
LTM5003GD

LED Color & Lens Appearance
LTM Height "H"
Series

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT _____ 100uA
 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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1 .XX ± .02 .XXX ± .010	X° ± 1°		
DESIGNED: S. Dam	DATE: 07/17/06	TITLE: MOLDED, SELF-RETAINING T1 (3mm) LED MOUNT ASSEMBLY	
CHECKED: T. Yin	DATE: 07/17/06	PART NO: LTMXXX3XX CAGE CODE : 32559	REVISION: C SHEET # 1 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
STANDARD					Data @ 20mA				
LTMXXX3BWC	GaN/SiC	430	BLUE	WATER CLEAR	4.0	4.5	25	30	3BWC-S
LTMXXX3BWD	GaN/SiC	430	BLUE	DIFFUSED	4.0	4.5	10	40	3BWD-S
LTMXXX3BWT	GaN/SiC	430	BLUE	TINTED	4.0	4.5	25	30	3BWT-S
LTMXXX3PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	2.2	2.8	10	30	3PGC-S
LTMXXX3PGD	GaP/GaP	555	PURE GREEN	DIFFUSED	2.2	2.8	5	40	3PGD-S
LTMXXX3PGT	GaP/GaP	555	PURE GREEN	TINTED	2.2	2.8	10	30	3PGT-S
LTMXXX3GC	GaP/GaP	568	GREEN	WATER CLEAR	2.1	2.8	40	30	3GC-S
LTMXXX3GD	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.8	25	40	3GD-S
LTMXXX3GT	GaP/GaP	568	GREEN	TINTED	2.1	2.8	40	30	3GT-S
LTMXXX3SGC	GaP/GaP	568	SUPER GREEN	WATER CLEAR	2.1	2.8	50	30	3SGC-S
LTMXXX3SGD	GaP/GaP	568	SUPER GREEN	DIFFUSED	2.1	2.8	30	40	3SGD-S
LTMXXX3SGT	GaP/GaP	568	SUPER GREEN	TINTED	2.1	2.8	50	30	3SGT-S
LTMXXX3YC	GaAsP/GaP	590	YELLOW	WATER CLEAR	2.0	2.8	40	30	3YC-S
LTMXXX3YD	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.8	20	40	3YD-S
LTMXXX3YT	GaAsP/GaP	590	YELLOW	TINTED	2.0	2.8	40	30	3YT-S
LTMXXX3AC	GaAsP/GaP	605	AMBER	WATER CLEAR	2.0	2.8	40	30	3AC-S
LTMXXX3AD	GaAsP/GaP	605	AMBER	DIFFUSED	2.0	2.8	25	40	3AD-S
LTMXXX3AT	GaAsP/GaP	605	AMBER	TINTED	2.0	2.8	40	30	3AT-S
LTMXXX3SAC	AlGaInP	605	SUPER AMBER	WATER CLEAR	1.8	2.4	300	30	3SAC-S
LTMXXX3SAD	AlGaInP	605	SUPER AMBER	DIFFUSED	1.8	2.4	100	40	3SAD-S
LTMXXX3SAT	AlGaInP	605	SUPER AMBER	TINTED	1.8	2.4	300	30	3SAT-S
LTMXXX3HC	GaAsP/GaP	625	HE RED	WATER CLEAR	2.0	2.8	50	30	3HC-S
LTMXXX3HD	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.8	30	40	3HD-S
LTMXXX3HT	GaAsP/GaP	625	HE RED	TINTED	2.0	2.8	50	30	3HT-S
LTMXXX3RC	GaP/GaP	700	RED	WATER CLEAR	2.1	2.8	2.5	30	3RC-S
LTMXXX3RD	GaP/GaP	700	RED	DIFFUSED	2.1	2.8	2	40	3RD-S
LTMXXX3RT	GaP/GaP	700	RED	TINTED	2.1	2.8	2.5	30	3RT-S
LTMXXX3SRC	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	1.7	2.4	60	30	3SRC-S
LTMXXX3SRD	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	1.7	2.4	40	40	3SRD-S
LTMXXX3SRT	GaAlAs/GaAs	645	SUPER RED	TINTED	1.7	2.4	60	30	3SRT-S

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) 10% All Values ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL.: (949) 951-8808 FAX: (949) 951-3974	
DESIGNED:	DATE:	 TITLE: MOLDED, SELF-RETAINING T1 (3mm) LED MOUNT ASSEMBLY	
S. Dam	07/17/06		
CHECKED:	DATE:	PART NO: LTMXXX3XX	REVISION: C
T. Yin	07/17/06	CAGE CODE : 32559	SHEET # 2 OF 3
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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
LOW CURRENT					Data @ 2mA				
LTMXXXBWDL	GaN/siC	430	BLUE	DIFFUSED	3.8	4.2	2.5	40	3BWDL-S
LTMXXXGDL	GaP/GaP	568	GREEN	DIFFUSED	2.1	2.6	2	40	3GDL-S
LTMXXXGTL	GaP/GaP	568	GREEN	TINTED	1.8	2.2	7.5	30	3GTL-S
LTMXXXPGDL	GaP/GaP	555	PURE GREEN	DIFFUSED	2.1	2.6	0.2	40	3PGDL-S
LTMXXXYDL	GaAsP/GaP	590	YELLOW	DIFFUSED	2.0	2.6	2	40	3YDL-S
LTMXXXADL	GaAsP/GaP	605	AMBER	DIFFUSED	2.0	2.6	4	40	3ADL-S
LTMXXXHDL	GaAsP/GaP	625	HE RED	DIFFUSED	2.0	2.6	2.5	40	3HDL-S
LTMXXXHTL	GaAsP/GaP	635	HE RED	TINTED	1.8	2.2	6.5	30	3HTL-S
LTMXXXRDL	GaP/GaP	700	RED	DIFFUSED	2.1	2.6	0.5	40	3RDL-S

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data			Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length λp(nm)	Emitted Color		Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
5 VOLT					Data @ 5V				
LTMXXX3GC5V	GaP/GaP	568	GREEN	WATER CLEAR	/	5.0	40	30	3GC5V-S
LTMXXX3GD5V	GaP/GaP	568	GREEN	DIFFUSED	/	5.0	25	40	3GD5V-S
LTMXXX3GT5V	GaP/GaP	568	GREEN	TINTED	/	5.0	40	30	3GT5V-S
LTMXXX3YD5V	GaAsP/GaP	590	YELLOW	DIFFUSED	/	5.0	20	40	3YD5V-S
LTMXXX3AD5V	GaAsP/GaP	605	AMBER	DIFFUSED	/	5.0	25	40	3AD5V-S
LTMXXX3HD5V	GaAsP/GaP	625	HE RED	DIFFUSED	/	5.0	30	40	3HD5V-S
LTMXXX3RD5V	GaP/GaP	700	RED	DIFFUSED	/	5.0	2	40	3RD5V-S

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		PART NO: LTMXXX3XX	REVISION: C
CHECKED: T. Yin	DATE: 07/17/06	CAGE CODE : 32559	SHEET # 3 OF 3
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