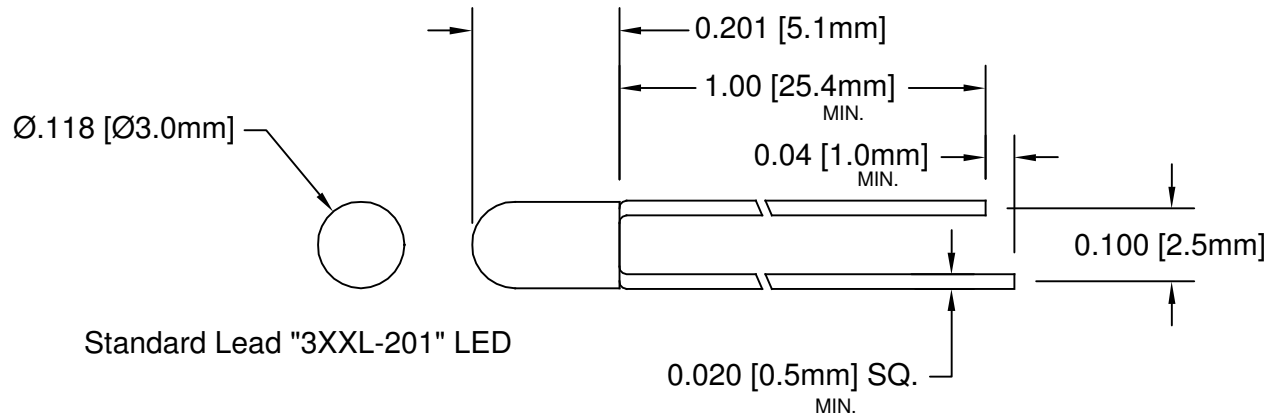
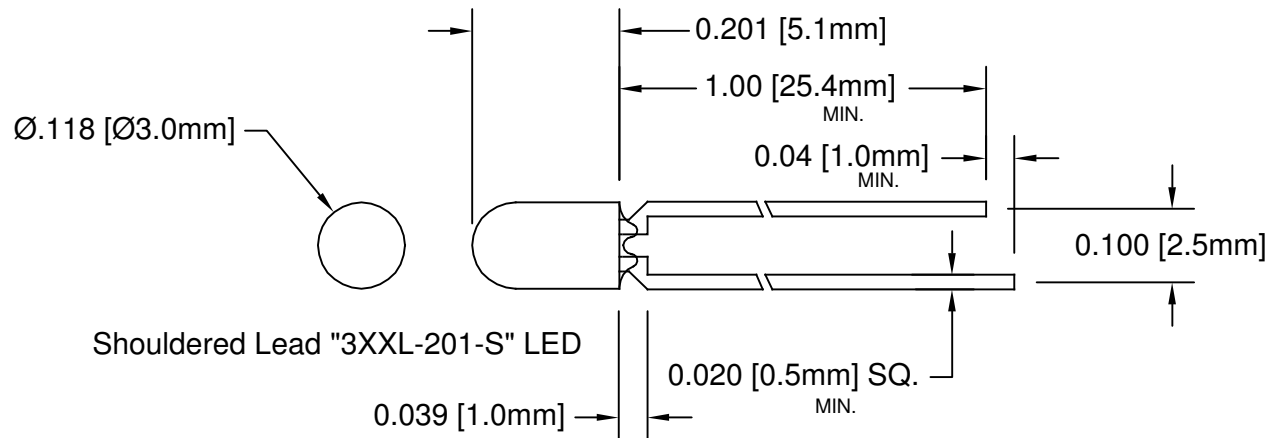


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	03/04/05	M. C.
B	LED Lead Frame Update. See EMN-3XX-X.	09/11/06	M. C.





Recommended Mounting
Hole Size = $\text{Ø}.032^{+.003}_{-.002}$



NOTE: Add suffix -LL for long lead.
Changes 1.00 Min. to 1.57 Min.



ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE	_____	5V
REVERSE CURRENT	_____	100uA
OPERATING TEMPERATURE RANGE	_____	-40° C - 85° C
STORAGE TEMPERATURE	_____	-40° C - 100° C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	_____	260° C FOR 5 SECONDS

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .02		 TITLE: T-1 (3mm) EXTENDED PROFILE LOW CURRENT LED	
.XXX ± .010			
DESIGNED: David Green	DATE: 03/04/05	PART NO: 3XXL-201	REVISION: B
CHECKED: M. Chen	DATE: 03/04/05	CAGE CODE : 32559	SHEET # 1 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings			Electro-Optical Data @ 2m A			Viewing Angle 2 θ 1/2 (Deg)
	Material	Peak Wave Length λ_p (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Vf (V)		Iv (mcd)	
								TYP	MAX	TYP	
3GDL-201	GaP/GaP	568	GREEN	DIFFUSED	30	16	7	1.9	2.3	6	35
3YDL-201	GaAsP/GaP	585	YELLOW	DIFFUSED	35	15	7	1.8	2.2	4	35
3ADL-201	GaAsP/GaP	610	AMBER	DIFFUSED	35	15	7	1.7	2.2	6	35
3HDL-201	GaAsP/GaP	635	HE RED	DIFFUSED	45	15	7	1.7	2.2	6	35
3RDL-201	GaAsP/GaAs	655	RED	DIFFUSED	40	14	7	1.6	2.0	1	35

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u> <u>ANGULAR</u> X° ± 5°		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974		
				TITLE: T-1 (3mm) EXTENDED PROFILE LOW CURRENT LED
DESIGNED: David Green	DATE: 03/04/05	PART NO: 3XXL-201		REVISION: B
CHECKED: M. Chen	DATE: 03/04/05	CAGE CODE : 32559	SHEET # 2 OF 2	
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.				