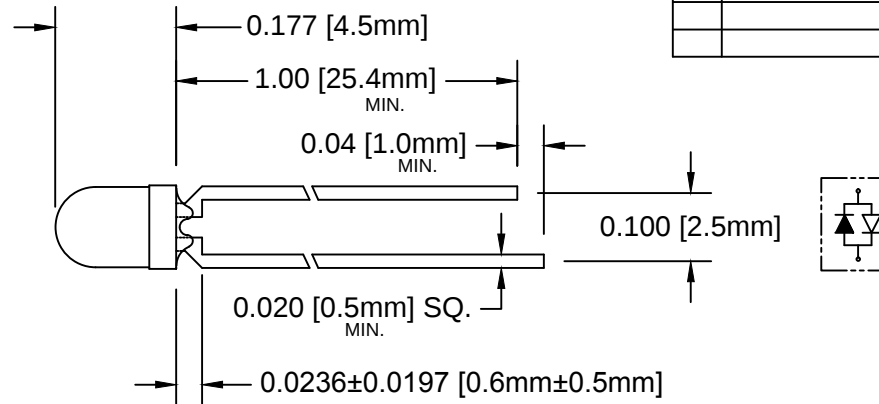


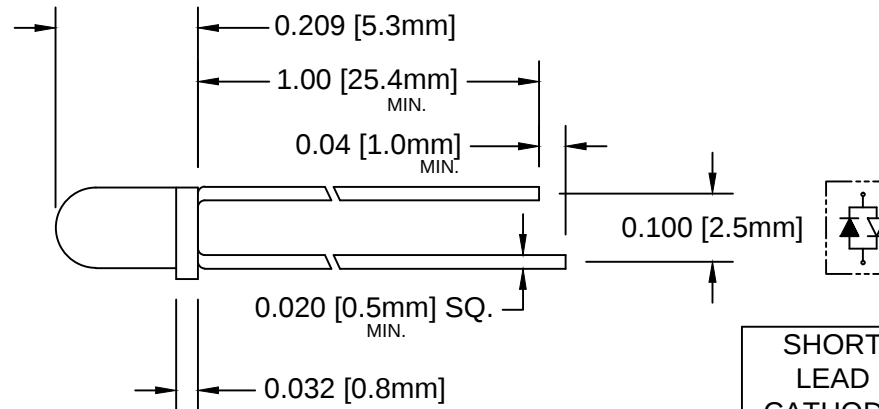
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	01/15/09	T. Y.
B	Added R/Y & A/G LED Specs	05/06/10	T. Y.
C	Added LED Specs	02/10/15	J. C.

$\varnothing.122$ [$\varnothing 3.1\text{mm}$]
 N-Flange Dia.
 $\varnothing.118$ [$\varnothing 3.0\text{mm}$]
 Shouldered Lead
 "3BCC-XX" LED



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

Flat Edge ID
 $\varnothing.150$ [$\varnothing 3.8\text{mm}$]
 Flange Dia.
 $\varnothing.118$ [$\varnothing 3.0\text{mm}$]
 Flanged "3BCC-XX-F" LED



SHORT LEAD CATHODE	PART NO.	LONG LEAD CATHODE
RED	3BCC-X	GREEN
YELLOW	3BCC-Y/G-X	GREEN
RED	3BCC-R/Y-X	YELLOW
AMBER	3BCC-A/G-X	GREEN

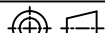
ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

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)		BIVAR® 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010		TITLE: T1 (3mm) BI-COLOR LED	
DESIGNED: Raffy Paje	DATE: 01/15/09	PART NO: 3BCC-XX-X	REVISION: C
CHECKED: F. Jensen	DATE: 01/15/09	CAGE CODE : 32559	SHEET # 1 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

	SEE SHEET #1	

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 Θ ½ (Deg)
	Material	Peak Wave Length λ p(nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)	
									Typ.	Max.	Typ.	
3BCC	GaAsP/GaP	625	RED	WATER CLEAR	35	80	30	150	2.0	2.8	10	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	10	40
3BCC-F	GaAsP/GaP	625	RED	WATER CLEAR	35	80	30	150	2.0	2.8	8	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	8	40
3BCC-Y/G	GaAsP/GaP	590	YELLOW	WATER CLEAR	35	80	30	150	2.0	2.8	4	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	6	40
3BCC-Y/G-F	GaAsP/GaP	590	YELLOW	WATER CLEAR	35	80	30	150	2.0	2.8	6	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	8	40
3BCC-R/Y	GaAsP/GaP	625	RED	WATER CLEAR	35	80	30	150	2.0	2.8	8	40
	GaP/GaP	590	YELLOW		30	80	30	150	2.0	2.8	6	40
3BCC-R/Y-F	GaAsP/GaP	625	RED	WATER CLEAR	35	80	30	150	2.0	2.8	8	40
	GaP/GaP	590	YELLOW		30	80	30	150	2.0	2.8	6	40
3BCC-A/G	GaAsP/GaP	605	AMBER	WATER CLEAR	35	80	30	150	2.0	2.8	6	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	8	40
3BCC-A/G-F	GaAsP/GaP	605	AMBER	WATER CLEAR	35	80	30	150	2.0	2.8	6	40
	GaP/GaP	568	GREEN		30	80	30	150	2.1	2.8	8	40

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>DECIMALS</u> <u>ANGULAR</u>		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		TITLE: T1 (3mm) BI-COLOR LED	
DESIGNED: Raffy Paje	DATE: 01/15/09	PART NO: 3BCC-XX-X	REVISION: C
CHECKED: F. Jensen	DATE: 01/15/09	CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			