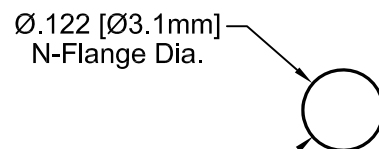
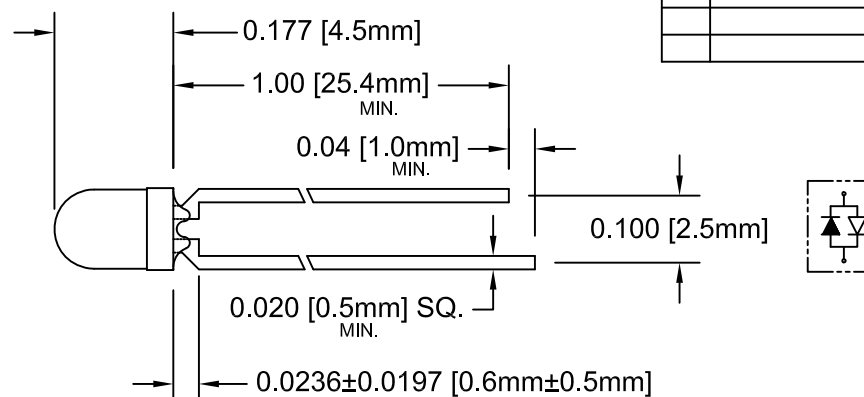


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	01/15/09	T. Y.
B	Added R/Y & A/G LED Specs	05/06/10	T. Y.

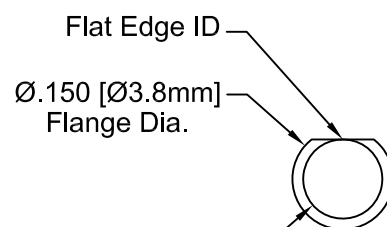


Ø.122 [Ø3.1mm]
N-Flange Dia.

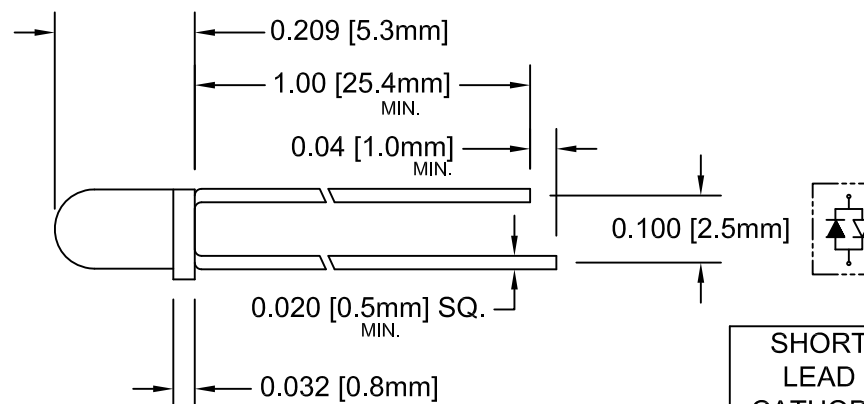
Ø.118 [Ø3.0mm]
Shouldered Lead
"3BCC-XX" LED



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



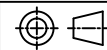
Flat Edge ID
Ø.150 [Ø3.8mm]
Flange Dia.
Ø.118 [Ø3.0mm]
Flanged "3BCC-XX-F" LED



SHORT LEAD CATHODE	PART NO.	LONG LEAD CATHODE
RED	3BCC-X	GREEN
YELLOW	3BCC-Y/G-X	GREEN
RED	3BCC-R/Y-F	YELLOW
AMBER	3BCC-A/G-F	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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>		
.X ±.1	X° ± 1°	 TITLE: T1 (3mm) BI-COLOR LED	
.XX ±.02			
.XXX ±.010		PART NO: 3BCC-XX-X	
DESIGNED: Raffy Paje	DATE: 01/15/09	REVISION: B	
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 λp(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-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-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) DECIMALS ANGULAR		 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: B
CHECKED: F. Jensen	DATE: 01/15/09	CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			