

# 3BCC-Y/G-F Datasheet



DiGi Electronics Part Number	3BCC-Y/G-F-DG
Manufacturer	<a href="#">Bivar Inc.</a>
Manufacturer Product Number	3BCC-Y/G-F
Description	LED GRN/YLW CLEAR 3MM T/H

<https://www.DiGi-Electronics.com>

## Detailed Description

Green, Yellow LED Indication - Discrete 2.1V Green, 2V Yellow Radial

This model 3BCC-Y/G-F is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

3BCC-Y/G-F

Series:

-

Color:

Green, Yellow

Lens Color:

Colorless

Millicandela Rating:

8mcd Green, 6mcd Yellow

Lens Size:

3mm, T-1

Current - Test:

30mA Green, 30mA Yellow

Mounting Type:

Through Hole

Wavelength - Peak:

568nm Green, 590nm Yellow

Package / Case:

Radial

Size / Dimension:

-

Manufacturer:

Bivar Inc.

Product Status:

Obsolete

Configuration:

Bidirectional

Lens Transparency:

Clear

Lens Style:

Round with Domed Top

Voltage - Forward (Vf) (Typ):

2.1V Green, 2V Yellow

Viewing Angle:

40°

Wavelength - Dominant:

-

Features:

-

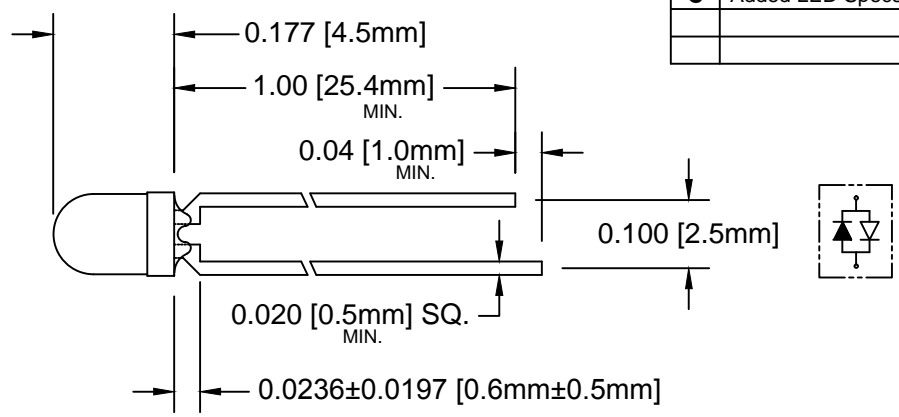
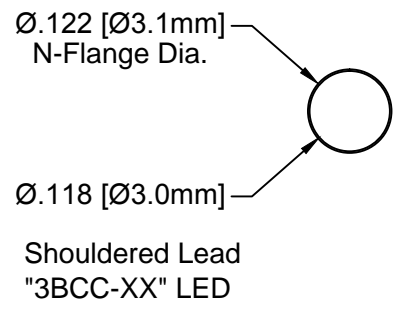
Supplier Device Package:

3mm

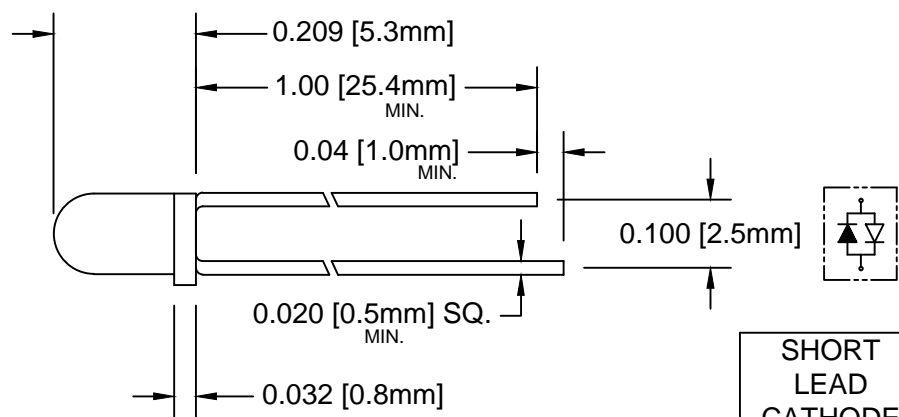
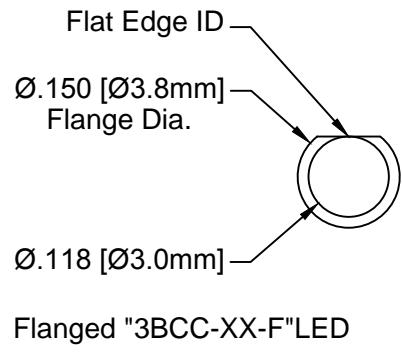
Height (Max):

5.30mm

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.



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



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


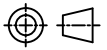
STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)	
DECIMALS	ANGULAR
.X ±.1	X° ± 1°
.XX ±.02	
.XXX ±.010	
DESIGNED: <b>Raffy Paje</b>	DATE: <b>01/15/09</b>
CHECKED: <b>F. Jensen</b>	DATE: <b>01/15/09</b>

**BIVAR**<sup>®</sup>  
4 THOMAS, IRVINE, CA. 92618  
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: T1 (3mm) BI-COLOR LED	
PART NO: <b>3BCC-XX-X</b>	REVISION: <b>C</b>
CAGE CODE : <b>32559</b>	SHEET # <b>1 OF 2</b>
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SEE SHEET #1		

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 $\theta$ 1/2 (Deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (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 ) DECIMALS                      ANGULAR		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974	
			
DESIGNED: <b>Raffy Paje</b>	DATE: <b>01/15/09</b>	PART NO: <b>3BCC-XX-X</b>	REVISION: <b>C</b>
CHECKED: <b>F. Jensen</b>	DATE: <b>01/15/09</b>	CAGE CODE : <b>32559</b>	SHEET # <b>2 OF 2</b>
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