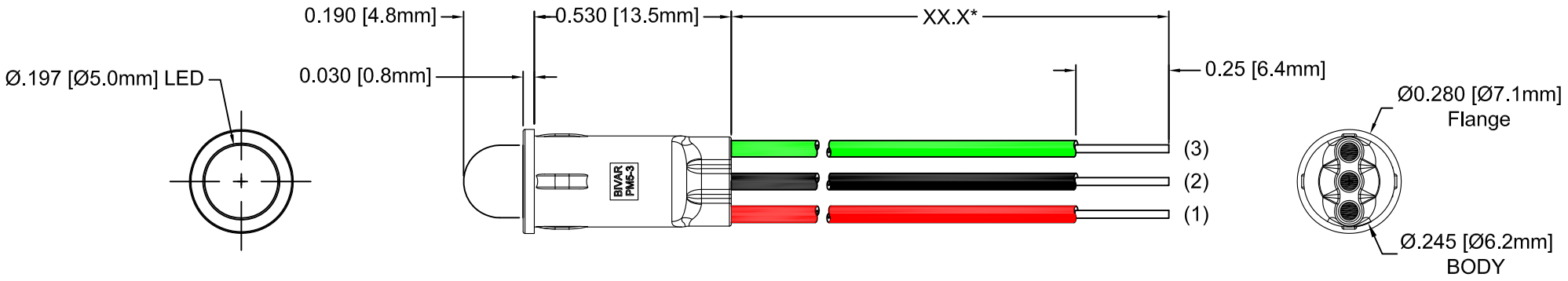
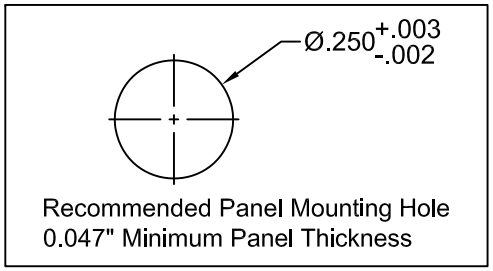
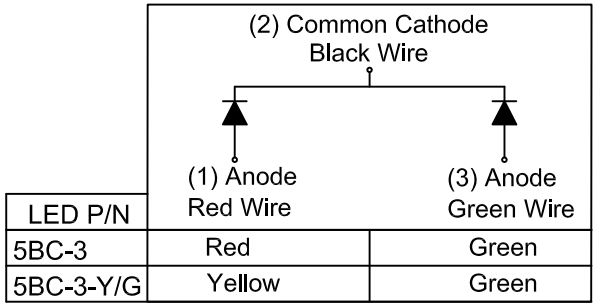
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	12/02/08	T. Y.
B	Updated 5BC-3 LED on Polarity Diagram	09/01/09	T. Y.
C	Added Optical/Electrical Data	05/21/15	J. C.
D	Engineering Update w/o Changes	08/14/16	J. C.
E	Updated per EOL Notice	06/24/20	A. V.





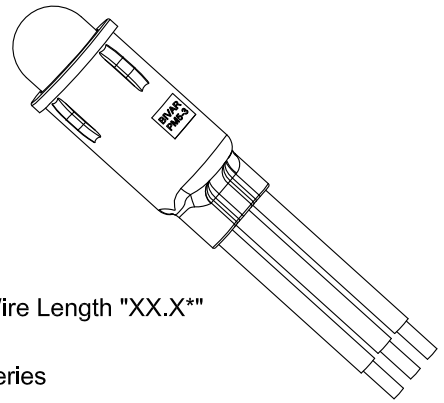


LED P/N		
5BC-3	Red	Green
5BC-3-Y/G	Yellow	Green

EXAMPLE:

PM53 - BC W12.5

- PM53 — 3-Lead Panel Mount Series
- BC — Emitted Colors
- W12.5 — XX.X = Wire Length "XX.X*"



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ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE	5V
REVERSE CURRENT (VR=5V)	100μA
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	

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: T1 ¾ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD BI-COLOR			
DESIGNED: B. Oliver	DATE: 12/02/08	PART NO: PM53-XXWXX.X	REVISION: E
REVISED: V. Chavez	DATE: 06/24/20	SHEET SIZE: A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 06/24/20	SCALE: N/A	SHEET # 1 OF 2

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy P/N	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length λp (nm)	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX	TYP		
PM53-BCWXX.X	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3
	GaP/GaP	568	GREEN		30	2.1	2.8	35		
PM53-YGWXX.X	GaAsP/GaP	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	30	40	5BC-3-Y/G
	GaP/GaP	568	GREEN		30	2.1	2.8	35		

CUSTOMER USE DRAWING

BIVAR®

CAGE CODE	32559	DRAWING NO: PM53-XXWXX.X	REVISION: E
SHEET SIZE	A	SCALE: N/A	SHEET # 2 OF 2
		CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING	