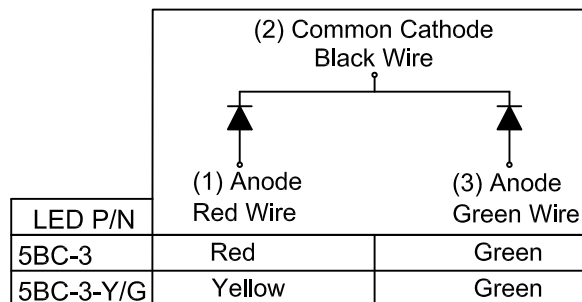
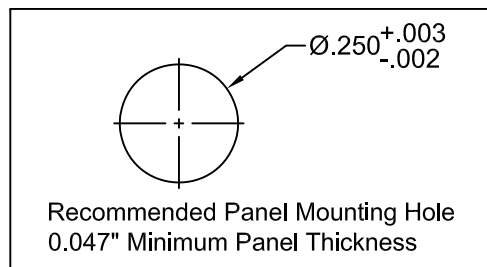
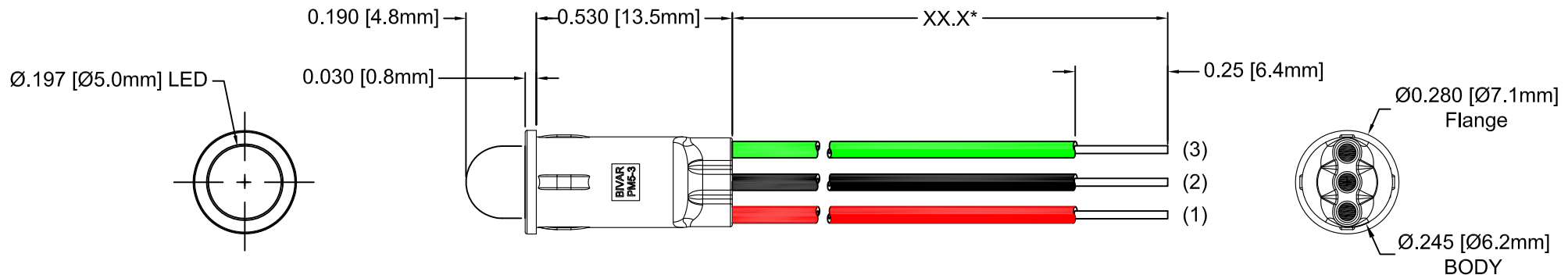
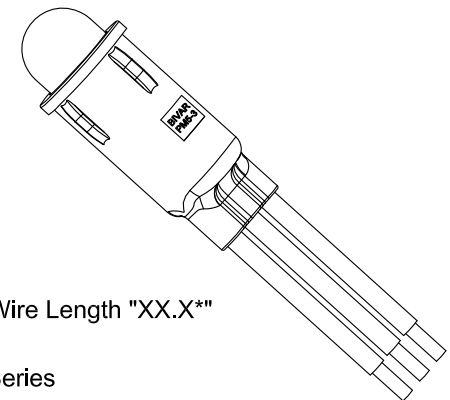


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	12/02/08	T. Y.
B	Updated 5BC-3 LED on Polarity Diagram	09/01/09	T. Y.
C	Added Optical/Electrical Data	05/21/15	J. C.
D	Engineering Update w/o Changes	08/14/16	J. C.
E	Updated per EOL Notice	06/24/20	A. V.



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



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

CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>	TITLE: T1 ¼ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD BI-COLOR	
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010			
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		
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			