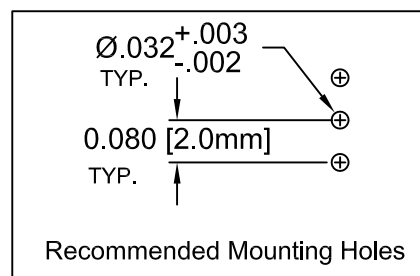
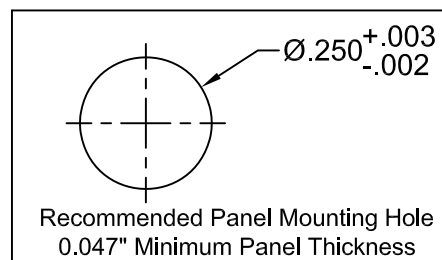
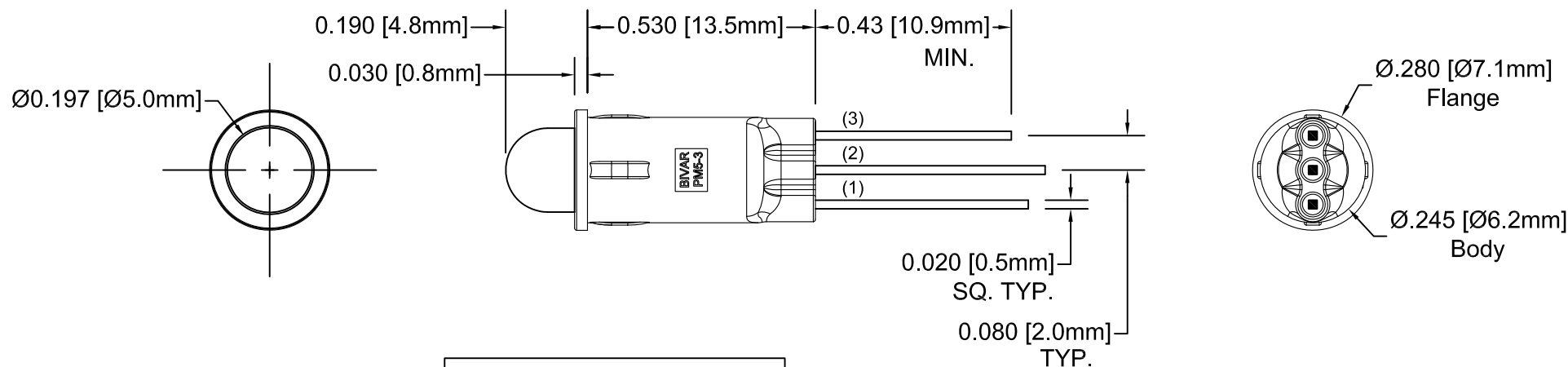


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	12/02/08	T. Y.
B	Updated Recommended Mounting Hole	07/13/09	T. Y.
C	Updated 5BC-3 LED on Polarity Diagram	09/01/09	T. Y.
D	Added Optical/Electrical Data	05/21/15	J. C.
E	Engineering Update w/o Changes	08/14/16	J. C.
F	Updated per EOL Notice	06/24/20	A. V.

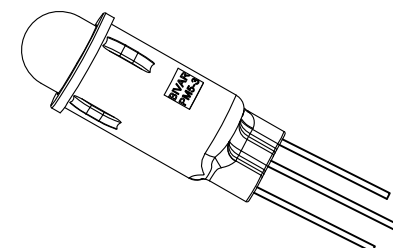


	(2) Common Cathode	
	(1) Anode	(3) Anode
LED P/N		
5BC-3	Red	Green
5BC-3-Y/G	Yellow	Green

EXAMPLE:
PM53 - BC

Emitted Colors

3-Lead Panel Mount Series



ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

REVERSE VOLTAGE _____ 5V

REVERSE CURRENT ($V_R=5V$) _____ $100\mu\text{A}$

OPERATING TEMPERATURE RANGE _____ $-25^\circ\text{C} \sim 85^\circ\text{C}$

STORAGE TEMPERATURE _____ $-30^\circ\text{C} \sim 100^\circ\text{C}$

LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) _____ 260°C for 5 Seconds

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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 ¾ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD BI-COLOR	
.XX ± .02		DRAWING NO: PM53-XX	
.XXX ± .010		REVISION: F	
DESIGNED: B. Ollver	DATE: 12/02/08	SHEET SIZE: A	
REVISED: V. Chavez	DATE: 06/24/20	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-BC	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-YG	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-XX	REVISION: F
SHEET SIZE	A	SCALE: N/A	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			