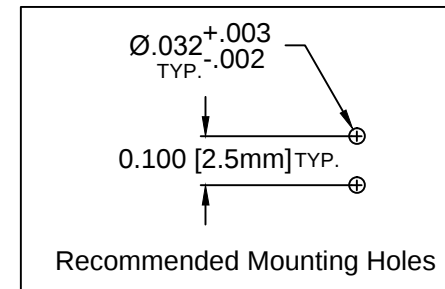
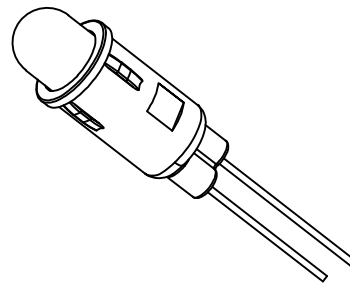
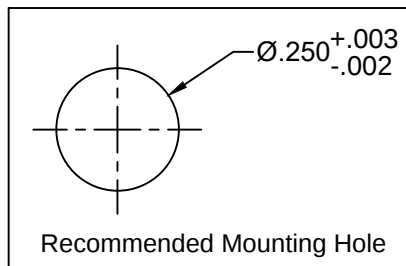
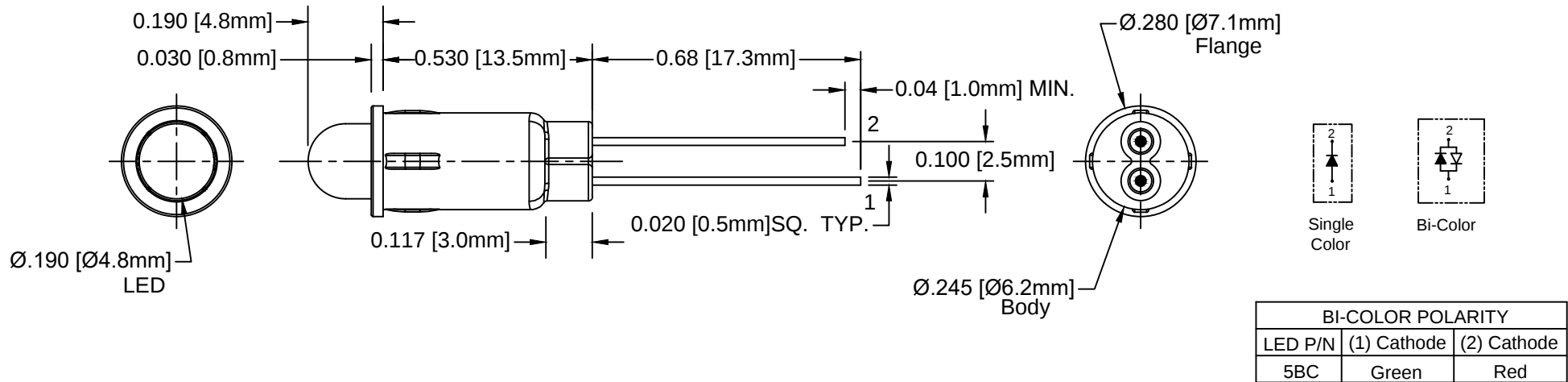


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	12/20/05	M. C.
B	Added Bi-Color Specs.	02/09/10	T. Y.
C	Updated LED Offering.	05/01/12	T. Y.
D	Updated BOM item 1.	11/13/12	T. Y.
E	Updated LED Optical Characteristics.	09/15/15	J. C.
F	Updated per EOL Notice	06/22/20	A. V.
G	ECO-1282 Updated Lead Length Gap	08/12/24	D. A.



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

REVERSE VOLTAGE	5V
REVERSE CURRENT ($V_R=5V$)	100 μ A
OPERATING TEMPERATURE RANGE	-25 $^\circ\text{C}$ ~ 85 $^\circ\text{C}$
STORAGE TEMPERATURE	-30 $^\circ\text{C}$ ~ 100 $^\circ\text{C}$
LEAD SOLDERING TEMPERATURE (1/16" FROM BODY)	260 $^\circ\text{C}$ for 5 Seconds

CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X $\pm .1$	$X^\circ \pm 1^\circ$		
.XX $\pm .02$			
.XXX $\pm .010$			
DESIGNED:	DATE:	TITLE: STD PANEL MOUNT INDICATORS	
Sonny Dam	12/20/05		
REVISD:	DATE:	DRAWING NO:	REVISION:
D. Ashby	08/12/24	PM5XX	G
CHECKED:	DATE:	SHEET SIZE:	CAGE CODE:
A. Valdez	06/20/20	A	32559
		SCALE:	SHEET # 1 OF 2
		N/A	

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LED Assy.No.	Chip			Lens Appearance	Electro-Optical Data @20mA				Viewing Angle 2 θ 1/2 (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX	TYP		
PM5BWC	GaN/SiC	430	BLUE	WATER CLEAR	25	4.0	4.5	25	20	5BWC
PM5BWD	GaN/SiC	430	BLUE	DIFFUSED	25	4.0	4.5	15	45	5BWD
PM5GC	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	40	35	5GC
PM5GD	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	45	5GD
PM5YD	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	25	45	5YD
PM5AD	GaAsP/GaP	605	AMBER	DIFFUSED	30	2.0	2.8	25	45	5AD
PM5HC	GaAsP/GaP	625	HE RED	WATER CLEAR	30	2.0	2.8	40	35	5HC
PM5HD	GaAsP/GaP	625	HE RED	DIFFUSED	30	2.0	2.8	25	45	5HD
PM5RD	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	45	5RD
PM5BC	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	6	45	5BC
	GaP/GaP	568	GREEN		30	2.1	2.8	8		
PM5SYD	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	150	40	5SYD
PM5SRD	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	30	1.7	2.4	40	40	5SRD

LED Assy. No.	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Max. Rating	Electro-Optical Data @ 2m A			Viewing Angle 2 γ ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				MAX	TYP	MAX	TYP		
PM5GDL	568	GREEN	DIFFUSED	7	2.1	2.6	5	45	5GDL
PM5YDL	590	YELLOW	DIFFUSED	7	2.0	2.6	4	45	5YDL
PM5HDL	625	HE RED	DIFFUSED	7	2.0	2.6	5	45	5HDL

CUSTOMER USE DRAWING

		BIVAR [®]	
CAGE CODE	32559	DRAWING NO:	PM5XX
SHEET SIZE	A	SCALE: N/A	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

REVISION:
G