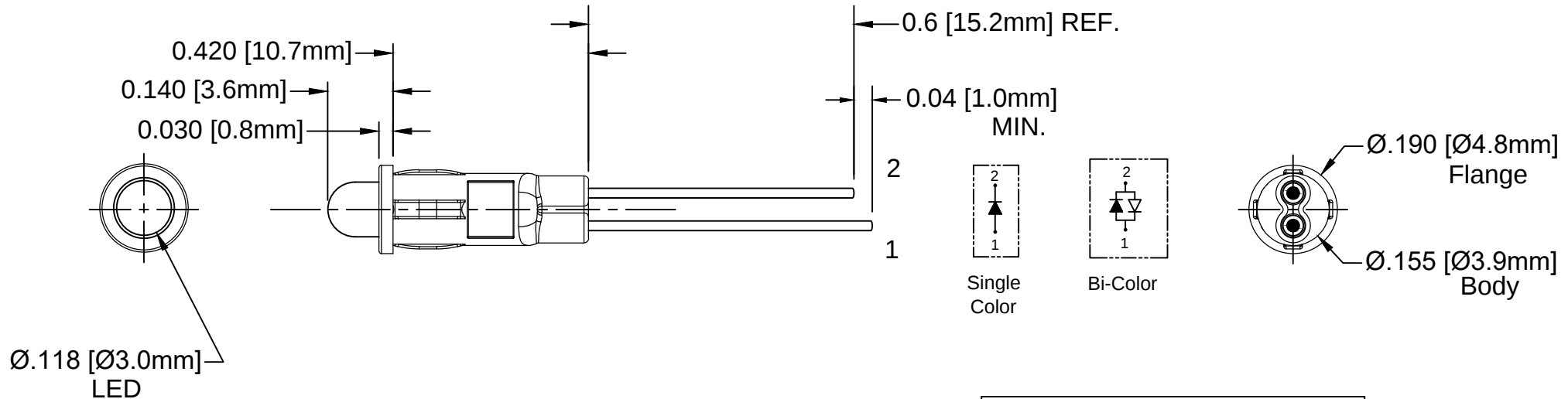


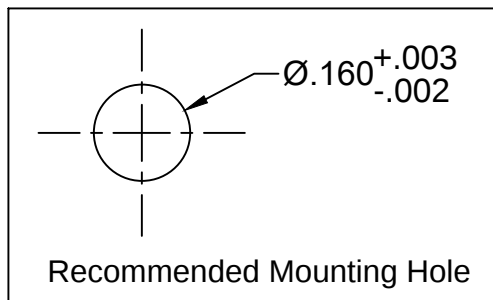
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/15/06	M. C.
B	LED Lead Change to -S	12/13/10	T. Y.
C	Updated LED Offering	09/01/11	T. Y.
D	Updated LED Offering	05/01/12	T. Y.
E	Updated BOM item 1	11/12/12	T. Y.
F	Updated LED Optical Characteristics	09/15/15	J. C.
G	Updated per EOL Notice	06/17/20	A. V.



Single
Color

Bi-Color

BI-COLOR POLARITY		
LED P/N	(1) Cathode	(2) Cathode
3BC	Green	Red
3BC-Y/G	Green	Yellow
3BC-A/G	Green	Amber



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	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010		TITLE: STD PANEL MOUNT INDICATORS	
DESIGNED: Dan Beckman	DATE: 09/15/06	DRAWING NO: PM3XXX	REVISION: G
REVISED: V. Chavez	DATE: 06/17/20	SHEET SIZE A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 06/17/20	SCALE: N/A	SHEET # 1 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1.		

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
						MAX	TYP			
PM3BWD	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	10	40	3BWD-S
PM3GC	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	40	30	3GC-S
PM3GD	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	40	3GD-S
PM3PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	30	2.2	2.8	10	30	3PGC-S
PM3YC	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2	2.8	40	30	3YC-S
PM3YD	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	20	40	3YD-S
PM3AC	GaAsP/GaP	605	AMBER	WATER CLEAR	30	2	2.8	40	30	3AC-S
PM3AD	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	40	3AD-S
PM3HD	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	30	40	3HD-S
PM3RC	GaP/GaP	700	RED	WATER CLEAR	20	2.1	2.8	2.5	30	3RC-S
PM3RD	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
PM3BC-A/G	GaAsP/GaP	605	AMBER	DIFFUSED	30	2.0	2.8	6	45	3BC-A/G
	GaP/GaP	568	GREEN		30	2.1	2.8	6		
PM3BC	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC
	GaP/GaP	568	GREEN		30	2.1	2.8	6		
PM3BC-Y/G	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	4	45	3BC-Y/G
	GaP/GaP	568	GREEN		30	2.1	2.8	6		

CUSTOMER USE DRAWING

		BIVAR[®]	
CAGE CODE	32559	DRAWING NO:	PM3XXX
SHEET SIZE	A	SCALE:	N/A
		SHEET #	2 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1.		

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
						MAX	TYP			
PM3UBWC	GaN/SiC	470	BLUE	WATER CLEAR	30	4	4.5	400	30	3UBWC-0.6K
PM3SGC	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	50	30	3SGC-S
PM3SGD	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	30	40	3SGD-S
PM3SAD	AlGaInP	605	AMBER	DIFFUSED	30	1.8	2.4	100	40	3SAD-S
PM3SRC	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	30	3SRC-S
PM3SRD	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	30	1.7	2.4	40	40	3SRD-S
PM3UGC	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	200	30	3UGC-S
PM3SUGC	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	300	30	3SUGC-S
PM3SURC	AlGaInP	640	RED	WATER CLEAR	30	1.8	2.4	200	30	3SURC-S
PM3UWC	InGaN/Sappire	6500K	WHITE	WATER CLEAR	30	3.2	3.6	5000	30	3UWC1.030C

LED Assy. No.	Chip			Lens Appearance	Absolute Max. Ratings			Electro-Optical Data @ 2mA			Viewing Angle 2 Y ½ (Deg)	LED P/N
	Material	Peak Wave Length λp(nm)	Emitted Color		Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)		
								TYP	MAX	TYP		
PM3GDL	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	2.0	40	3GDL-S
PM3YDL	GaAsP/GaP	590	YELLOW	DIFFUSED	10	7	-	2.0	2.6	2.0	40	3YDL-S
PM3HDL	GaAsP/GaP	625	HE RED	DIFFUSED	10	7	-	2.0	2.6	2.5	40	3HDL-S
PM3RDL	GaP/GaP	700	RED	DIFFUSED	10	7	-	2.1	2.6	0.5	40	3RDL-S

CUSTOMER USE DRAWING

BIVAR®

CAGE CODE	32559	DRAWING NO:	PM3XXX	REVISION:	G
SHEET SIZE	A	SCALE:	N/A	SHEET #	3 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING					