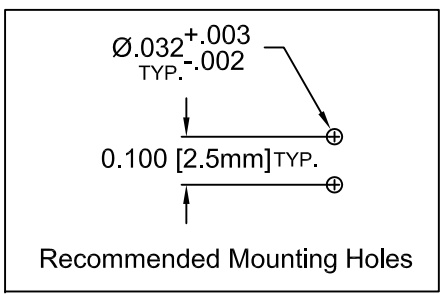
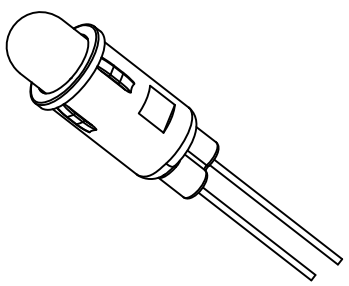
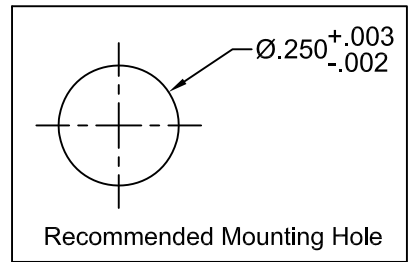
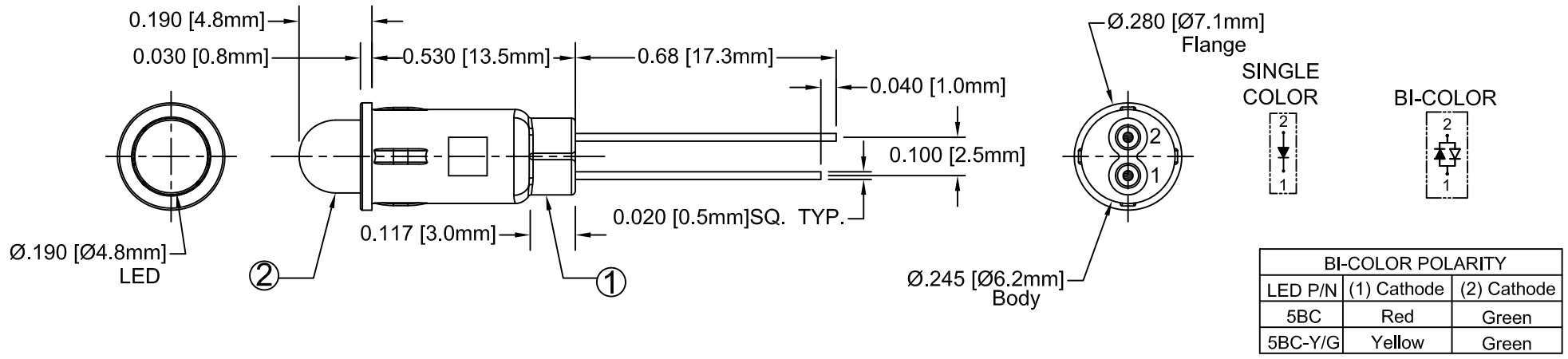



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM5	LED holder, Panel Mount, Press Fit (5mm)
2	1	5XX	T1 3/4 (5mm) Non-Flange LED, See page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	12/20/05	M. C.
B	Added Bi-Color Specs.	02/09/10	T. Y.




### 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 )		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974			
DECIMALS	ANGULAR				
.X ±.1	X° ± 1°	<b>TITLE:</b> T1 3/4 (5mm) Panel Mount LED			
.XX ±.02					
.XXX ±.010		<b>DESIGNED:</b> Sonny Dam	<b>DATE:</b> 12/20/05	<b>PART NO:</b> PM5XX	<b>REVISION:</b> B
<b>CHECKED:</b> T. Yin		<b>DATE:</b> 12/20/05	<b>CAGE CODE :</b> 32559 <b>SHEET #</b> 1 <b>OF</b> 2 <small>CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.</small>		

LED Part No.	Chip			Lens Appearance	Absolute Maximum Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length $\lambda_p$ (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									Typ.	Max.	Typ.	
5BWC	GaN/SiC	430	BLUE	WATER CLEAR	-	150	25	70	4.0	4.5	30	20
5BWD	GaN/SiC	430	BLUE	DIFFUSED	-	150	25	70	4.0	4.5	15	45
5BWT	GaN/SiC	430	BLUE	TINTED	-	150	25	70	4.0	4.5	30	20
5PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	-	80	30	150	2.2	2.8	10	35
5PGD	GaP/GaP	555	PURE GREEN	DIFFUSED	-	80	30	150	2.2	2.8	10	45
5PGT	GaP/GaP	555	PURE GREEN	TINTED	-	80	30	150	2.2	2.8	10	35
5GC	GaP/GaP	568	GREEN	WATER CLEAR	-	80	30	150	2.1	2.8	40	35
5GD	GaP/GaP	568	GREEN	DIFFUSED	-	80	30	150	2.1	2.8	25	45
5GT	GaP/GaP	568	GREEN	TINTED	-	80	30	150	2.1	2.8	40	35
5YC	GaAsP/GaP	590	YELLOW	WATER CLEAR	-	80	30	150	2.0	2.8	40	35
5YD	GaAsP/GaP	590	YELLOW	DIFFUSED	-	80	30	150	2.0	2.8	25	45
5YT	GaAsP/GaP	590	YELLOW	TINTED	-	80	30	150	2.0	2.8	40	35
5AC	GaAsP/GaP	605	AMBER	WATER CLEAR	-	80	30	150	2.0	2.8	40	35
5AD	GaAsP/GaP	605	AMBER	DIFFUSED	-	80	30	150	2.0	2.8	25	45
5AT	GaAsP/GaP	605	AMBER	TINTED	-	80	30	150	2.0	2.8	40	45
5HC	GaAsP/GaP	625	HE RED	WATER CLEAR	-	80	30	150	2.0	2.8	40	35
5HD	GaAsP/GaP	625	HE RED	DIFFUSED	-	80	30	150	2.0	2.8	25	45
5HT	GaAsP/GaP	625	HE RED	TINTED	-	80	30	150	2.0	2.8	40	35
5RC	GaP/GaP	700	RED	WATER CLEAR	-	45	20	80	2.1	2.8	2	35
5RD	GaP/GaP	700	RED	DIFFUSED	-	45	20	80	2.1	2.8	2	45
5RT	GaP/GaP	700	RED	TINTED	-	45	20	80	2.1	2.8	2	35
5BC	GaAsP/GaP	625	RED	WHITE DIFFUSED	-	80	30	150	2.0	2.8	6	45
	GaP/GaP	568	GREEN		-	80	30	150	2.1	2.8	8	
5BC-Y/G	GaAsP/GaP	590	YELLOW	WHITE DIFFUSED	-	85	30	150	2.0	2.8	5	45
	GaP/GaP	568	GREEN		-	80	30	150	2.1	2.8	8	

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS		ANGULAR $X^\circ \pm 1^\circ$		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974
DESIGNED: <b>Sonny Dam</b>		DATE: <b>12/20/05</b>	TITLE: T1 3/4 (5mm) Panel Mount LED	
CHECKED: <b>T. Yin</b>		DATE: <b>12/20/05</b>	PART NO: <b>PM5XX</b>	REVISION: <b>B</b>
		CAGE CODE : <b>32559</b>	SHEET # <b>2 OF 2</b>	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.