

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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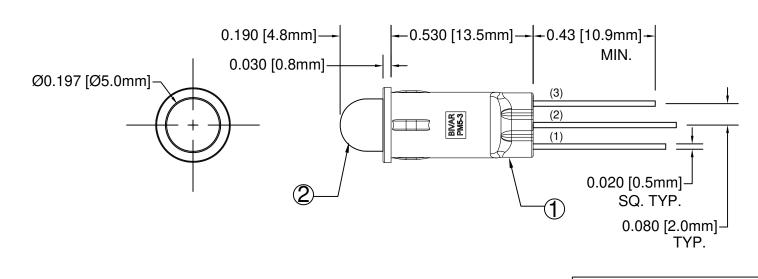


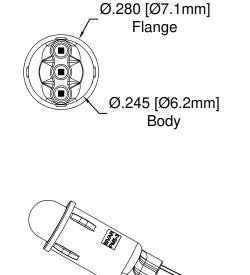


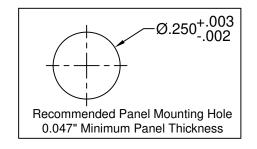


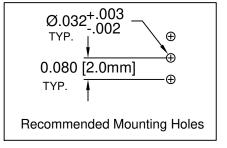
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM5-3	LED Holder, 3-Lead Panel Mount, Press Fit, 5mm
2	1	5BC-3-XX	T1 ¾ (5mm) 3-Lead Shouldered Bi-Color LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
Α	Engineering Release	12/02/08	T. Y.
В	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.
Ε	Engineering Update w/o Changes	08/14/16	J. C.

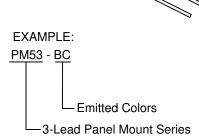








	(2) Commo	on Cathode
	•	•
LED P/N	(1) Anode	(3) Anode
5BC-3	Red	Green
5BC-3-Y/G	Yellow	Green
5BC-3-R/Y	Red	Yellow



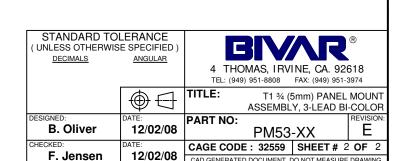
## ABSOLUTE MAXIMUM RATINGS ( $Ta = 25^{\circ}C$ )

REVERSE VOLTAGE \_\_\_\_\_\_\_5V REVERSE CURRENT ( VR=5V) \_\_\_\_\_\_\_100  $\mu A$  OPERATING TEMPERATURE RANGE \_\_\_\_\_\_-25°C  $\sim$  85°C STORAGE TEMPERATURE \_\_\_\_\_\_\_-30°C  $\sim$  100°C LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) \_\_\_\_\_ 260°C for 5 Seconds

STANDARD TOI (UNLESS OTHERWIS DECIMALS .X ± .1		4 THOMAS, IRV TEL: (949) 951-8808	M	CA. 92618		
.XX ± .02 .XXX ± .010	$\oplus \ominus$	TITLE: T1 ¾ (	5mm) PANEL Y, 3-LEAD BI	MOUNT		
B. Oliver	DATE: 12/02/08	PART NO: PM53	REVISION:			
CHECKED: F. Jensen	DATE: 12/02/08	CAGE CODE: 32559  CAD GENERATED DOCUMENT, D	SHEET # 1			

REV.	DESCRIPTION	DATE	APPROVED	
	SEE SHEET #1			

	Chip			Electro-Optical Data @ 20mA				Viewing		
Assy P/N	Peak Wave  Material Length  λp (nm)	Peak Wave Length	Emitted Color	Lens Appearance	If (mA)	Vf (V)		lv (mcd)	Angle 2θ½	LED P/N
		λp (nm)	Coloi		MAX	TYP	MAX	TYP	(Deg)	
PM53-BC	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3
PIVIDS-BC	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
PIVIDS-TG	GaP/GaP	568	GREEN		30	2.1	2.8	35		
PM53-RY	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3-R/Y
PIVIOS-RY	GaAsP/GaP	590	YELLOW		30	2.0	2.8	30		3BC-3-R/Y



CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.