



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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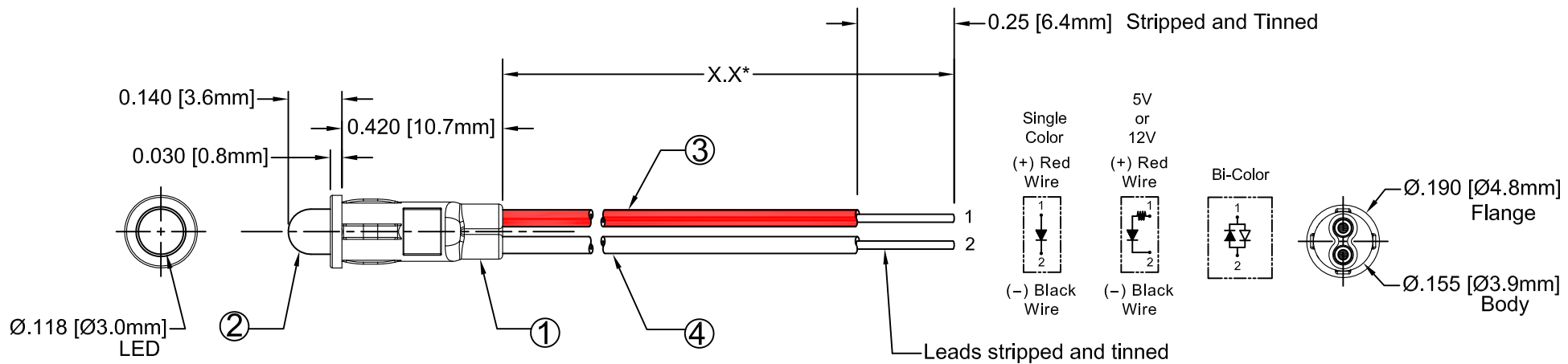
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



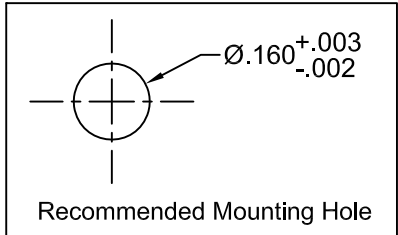
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM3-XXX	LED Holder, Panel Mount, Press Fit, (3mm) PM3 (Standard LED), PM3-5V (5V LED), & PM3-12V (12V LED)
2	1	3XXX-S	T1 (3mm) Shouldered LED, See Following Pages
3	1	BWS24-1061-RD	24AWG Wire Lead U.L. 1061, Red
4	1	BWS24-1061-BK	24AWG Wire Lead U.L. 1061, Black

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	02/05/08	M. C.
B	Updated Bi-Color Polarity	09/09/08	M. C.
C	LED Spec Update	03/22/10	T. Y.
D	Bi-Color LED Spec Update	06/24/11	T. Y.
E	Updated LED Offering	05/01/12	T. Y.
F	Updated BOM Item 1	11/12/12	T. Y.
G	Corrected LED P/N Typo	10/14/13	G. W.



EXAMPLE:
PM3RDW6.5*
 Series | LED Color, Lens Appearance | Wire Length in inches

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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 TITLE: STD PANEL MOUNT INDICATORS W/ WIRES	
.XX ± .02			
.XXX ± .010			
DESIGNED: Raffy Paje	DATE: 02/05/08	PART NO: PM3XXXWX.X	REVISION: G
CHECKED: T. Yin	DATE: 02/05/08		CAGE CODE : 32559
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			


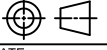
REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

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	MAX			TYP
PM3BWCWX.X	GaN/SiC	430	BLUE	WATER CLEAR	25	4	4.5	25	30	3BWC-S	
PM3BWDWX.X	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	10	40	3BWD-S	
PM3BWTWX.X	GaN/SiC	430	BLUE	TINTED	25	4	4.5	25	30	3BWT-S	
PM3GCWX.X	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	40	30	3GC-S	
PM3GDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	40	3GD-S	
PM3GTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	40	30	3GT-S	
PM3PGCWX.X	GaP/GaP	555	PURE GREEN	WATER CLEAR	30	2.2	2.8	10	30	3PGC-S	
PM3PGDWX.X	GaP/GaP	555	PURE GREEN	DIFFUSED	30	2.2	2.8	5	40	3PGD-S	
PM3PGTWX.X	GaP/GaP	555	PURE GREEN	TINTED	30	2.2	2.8	10	30	3PGT-S	
PM3YCWX.X	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2	2.8	40	30	3YC-S	
PM3YDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	20	40	3YD-S	
PM3YTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	30	3YT-S	
PM3ACWX.X	GaAsP/GaP	605	AMBER	WATER CLEAR	30	2	2.8	40	30	3AC-S	
PM3ADWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	40	3AD-S	
PM3ATWX.X	GaAsP/GaP	605	AMBER	TINTED	30	2	2.8	40	30	3AT-S	
PM3HCWX.X	GaAsP/GaP	625	HE RED	WATER CLEAR	30	2	2.8	50	30	3HC-S	
PM3HDWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	30	40	3HD-S	
PM3HTWX.X	GaAsP/GaP	625	HE RED	TINTED	30	2	2.8	50	30	3HT-S	
PM3RCWX.X	GaP/GaP	700	RED	WATER CLEAR	20	2.1	2.8	2.5	30	3RC-S	
PM3RDWX.X	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S	
PM3RTWX.X	GaP/GaP	700	RED	TINTED	20	2.1	2.8	2.5	30	3RT-S	
PM3BC-A/GWX.X	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			
PM3BCWX.X	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC	
	GaP/GaP	568	GREEN		30	2.1	2.8	6			
PM3BC-R/YWX.X	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC-R/Y	
	GaAsP/GaP	590	YELLOW		30	2.0	2.8	4			
PM3BC-Y/GWX.X	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			

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
ANGULAR X° ± 5°			
		TITLE: STD PANEL MOUNT INDICATORS W/ WIRES	
DESIGNED: Raffy Paje	DATE: 02/05/08	PART NO: PM3XXXWX.X	REVISION: G
CHECKED: T. Yin	DATE: 02/05/08	CAGE CODE : 32559	SHEET # 2 OF 4
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	MAX			TYP
PM3UBWCWX.X	GaN/SiC	470	BLUE	WATER CLEAR	30	4	4.5	400	30	3UBWC-0.6K	
PM3SGCWX.X	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	50	30	3SGC-S	
PM3SGDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	30	40	3SGD-S	
PM3SGTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	50	30	3SGT-S	
PM3SYCWX.X	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2.0	2.8	50	30	3SYC-S	
PM3SYDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	30	40	3SYD-S	
PM3SYTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2.0	2.8	50	30	3SYT-S	
PM3SACWX.X	AlGaInP	605	AMBER	WATER CLEAR	30	1.8	2.4	300	30	3SAC-S	
PM3SADWX.X	AlGaInP	605	AMBER	DIFFUSED	30	1.8	2.4	100	40	3SAD-S	
PM3SATWX.X	AlGaInP	605	AMBER	TINTED	30	1.8	2.4	300	30	3SAT-S	
PM3SRCWX.X	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	30	3SRC-S	
PM3SRDWX.X	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	30	1.7	2.4	40	40	3SRD-S	
PM3SRTWX.X	GaAlAs/GaAs	645	SUPER RED	TINTED	30	1.7	2.4	60	30	3SRT-S	
PM3UGCWX.X	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	200	30	3UGC-S	
PM3SUGCWX.X	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	300	30	3SUGC-S	
PM3UYCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	300	30	3UYC-S	
PM3SUYCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	400	30	3SUYC-S	
PM3UUUCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	600	30	3UUUC-S	
PM3UOCWX.X	AlGaInP	625	ORANGE	WATER CLEAR	30	1.8	2.4	300	30	3UOC-S	
PM3SUOCWX.X	AlGaInP	625	ORANGE	WATER CLEAR	30	1.8	2.4	400	30	3SUOC-S	
PM3URCWX.X	GaAlAs/GaAs	645	RED	WATER CLEAR	30	1.7	2.4	200	30	3URC-S	
PM3SURCWX.X	AlGaInP	640	RED	WATER CLEAR	30	1.8	2.4	200	30	3SURC-S	
PM3UWCWX.X	InGaN/Sapphire	6500K	WHITE	WATER CLEAR	30	3.4	3.8	1000	30	3UWC1.030C	

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ANGULAR X° ± 5°			
		TITLE: STD PANEL MOUNT INDICATORS W/ WIRES	
		DESIGNED: Raffy Paje	DATE: 02/05/08
CHECKED: T. Yin		DATE: 02/05/08	CAGE CODE : 32559 SHEET # 3 OF 4 CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Assy. No.	Chip			Lens Appearance	Absolute Max. Ratings			Electro-Optical Data @ 2mA			Viewing Angle 2θ 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		
PM3BWDLWX.X	GaN/siC	430	BLUE	DIFFUSED	20	7	-	3.8	4.2	2.5	40	3BWDL-S
PM3GDLWX.X	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	2.0	40	3GDL-S
PM3PGDLWX.X	GaP/GaP	555	PURE GREEN	DIFFUSED	10	7	-	2.1	2.6	0.2	40	3PGDL-S
PM3YDLWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	10	7	-	2.0	2.6	2.0	40	3YDL-S
PM3ADLWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	10	7	-	2.0	2.6	4.0	40	3ADL-S
PM3HDLWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	10	7	-	2.0	2.6	2.5	40	3HDL-S
PM3RDLWX.X	GaP/GaP	700	RED	DIFFUSED	10	7	-	2.1	2.6	0.5	40	3RDL-S
PM3SRDLWX.X	GaAlAs/GaAs	645	RED	DIFFUSED	10	7	-	2.0	-	8.0	40	3SRDL-S

Assembly P/N	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle 2θ 1/2 (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX		
5 Volt				Data @ 5V					
PM3BWD5VWX.X	430	BLUE	DIFFUSED	-	-	5	10	35	3BWD5V-S
PM3GC5VWX.X	568	GREEN	WATER CLEAR	-	-	5	40	20	3GC5V-S
PM3GD5VWX.X	568	GREEN	DIFFUSED	-	-	5	25	35	3GD5V-S
PM3GT5VWX.X	568	GREEN	TINTED	-	-	5	40	20	3GT5V-S
PM3AD5VWX.X	605	AMBER	DIFFUSED	-	-	5	25	35	3AD5V-S
PM3HD5VWX.X	625	HE RED	DIFFUSED	-	-	5	30	35	3HD5V-S
PM3RD5VWX.X	700	RED	DIFFUSED	-	-	5	2	35	3RD5V-S
PM3YD5VWX.X	590	YELLOW	DIFFUSED	-	-	5	20	35	3YD5V-S
12 Volt				Data @ 12V					
PM3GC12VWX.X	568	GREEN	WATER CLEAR	-	-	12	40	20	3GC12V-S
PM3GD12VWX.X	568	GREEN	DIFFUSED	-	-	12	25	35	3GD12V-S
PM3HC12VWX.X	625	HE RED	WATER CLEAR	-	-	12	50	20	3HC12V-S
PM3HD12VWX.X	625	HE RED	DIFFUSED	-	-	12	30	35	3HD12V-S
PM3RC12VWX.X	700	RED	WATER CLEAR	-	-	12	6	20	3RC12V-S
PM3RD12VWX.X	700	RED	DIFFUSED	-	-	12	2	35	3RD12V-S
PM3YC12VWX.X	590	YELLOW	WATER CLEAR	-	-	12	40	20	3YC12V-S
PM3YD12VWX.X	590	YELLOW	DIFFUSED	-	-	12	25	35	3YD12V-S

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ANGULAR X° ± 5°			
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DESIGNED: Raffy Paje	DATE: 02/05/08	PART NO: PM3XXXWX.X	REVISION: G
CHECKED: T. Yin	DATE: 02/05/08	CAGE CODE : 32559	SHEET # 4 OF 4
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