

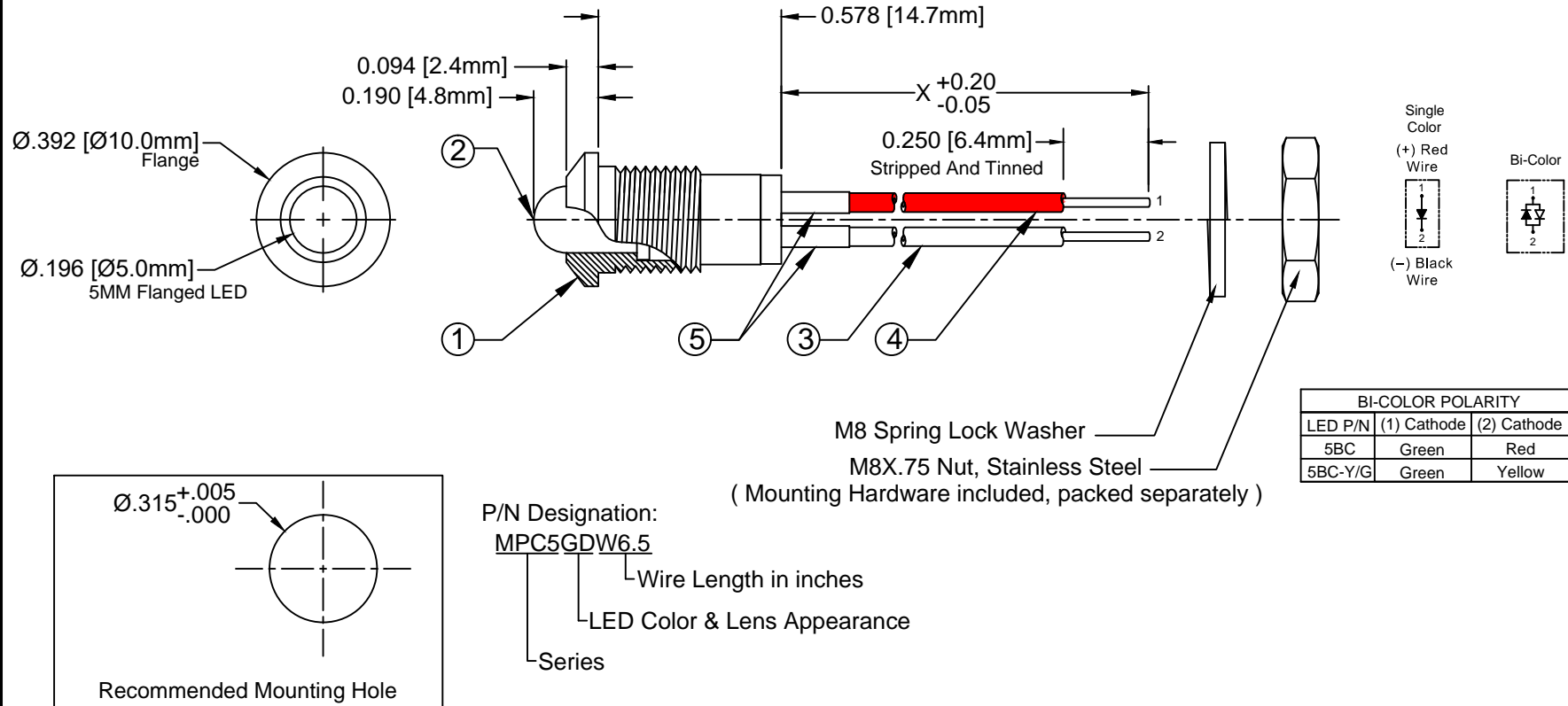


THE DATASHEET OF MPC5ADW12.0



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	MPC5	Chrome Panel Mount Holder, 5mm
2	1	5XX-F	T-1 3/4 (5mm) Flanged LED, P.2.
3	1	BWS24-1007-BK	24AWG Wire Lead U.L. 1007, Black
4	1	BWS24-1007-RD	24AWG Wire Lead U.L. 1007, Red
5	2	BST200-BK	Shrink Tubing, Black, 0.5" Cut Length

REV.	DESCRIPTION	DATE	APPROVED
C	Shrink Tubing Update. Change Length to 0.5"	11/12/07	M. C.
D	Added MPC5WC7.015WX.X Specs.	06/03/08	M. C.
E	Added MPC5XX5VWX.X Specs. and Updated .578 Dim.	06/24/08	M. C.
F	Added MPC5SRD5VWX.X Specs.	06/27/08	M. C.
G	Added MPC5SGDWX.X Specs and Removed 5V Specs.	10/06/09	T. Y.
H	Updated LED offering	05/03/12	T. Y.
J	Updated LED Optical Characteristics	09/15/15	J. C.
K	Updated per EOL Notice	05/19/20	A. V.



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)		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618	
.X ± .1	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		TITLE: STD METAL PANEL MOUNT INDICATORS W/ WIRES	
.XXX ± .010		DRAWING NO: MPC5XXWX.X	
DESIGNED: David Green	DATE: 01/31/05	REVISION: K	
REVISED: V. Chavez	DATE: 05/19/20	SHEET SIZE: A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 05/19/20	SCALE: NONE	SHEET # 1 OF 2
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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		I _f	V _f		I _v		
					(mA)	(V)		(mcd)		
MAX	TYP	MAX	TYP	TYP						
MPC5BWDWX.X	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	15	45	5BWD-F
MPC5GDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	45	5GD-F
MPC5GTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	40	35	5GT-F
MPC5YDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	25	45	5YD-F
MPC5YTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	35	5YT-F
MPC5ADWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	45	5AD-F
MPC5HDWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	25	45	5HD-F
MPC5HTWX.X	GaAsP/GaP	625	HE RED	TINTED	30	2	2.8	40	35	5HT-F
MPC5RDWX.X	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	45	5RD-F
MPC5BCWX.X	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	6	45	5BC-F
	GaP/GaP	568	GREEN		30	2.1	2.8	8		
MPC5BCWX.X-Y/G	GaAsP/GaP	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	5	45	5BC-Y/G-F
	GaP/GaP	568	GREEN		30	2.1	2.8	8		
MPC5GDLWX.X	GaP/GaP	568	GREEN	DIFFUSED	7	2.1	2.6	4	40	5GDL-F
MPC5SRCWX.X	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	35	5SRC-F



CAGE CODE	32559	DRAWING NO:	MPC5XXWX.X	REVISION:	K
SHEET SIZE	A	SCALE:	NONE	SHEET #	2 OF 2
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Looking for pricing, stock, or lifecycle information?

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- ⊖ [Bivar Inc. Information](#)

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management