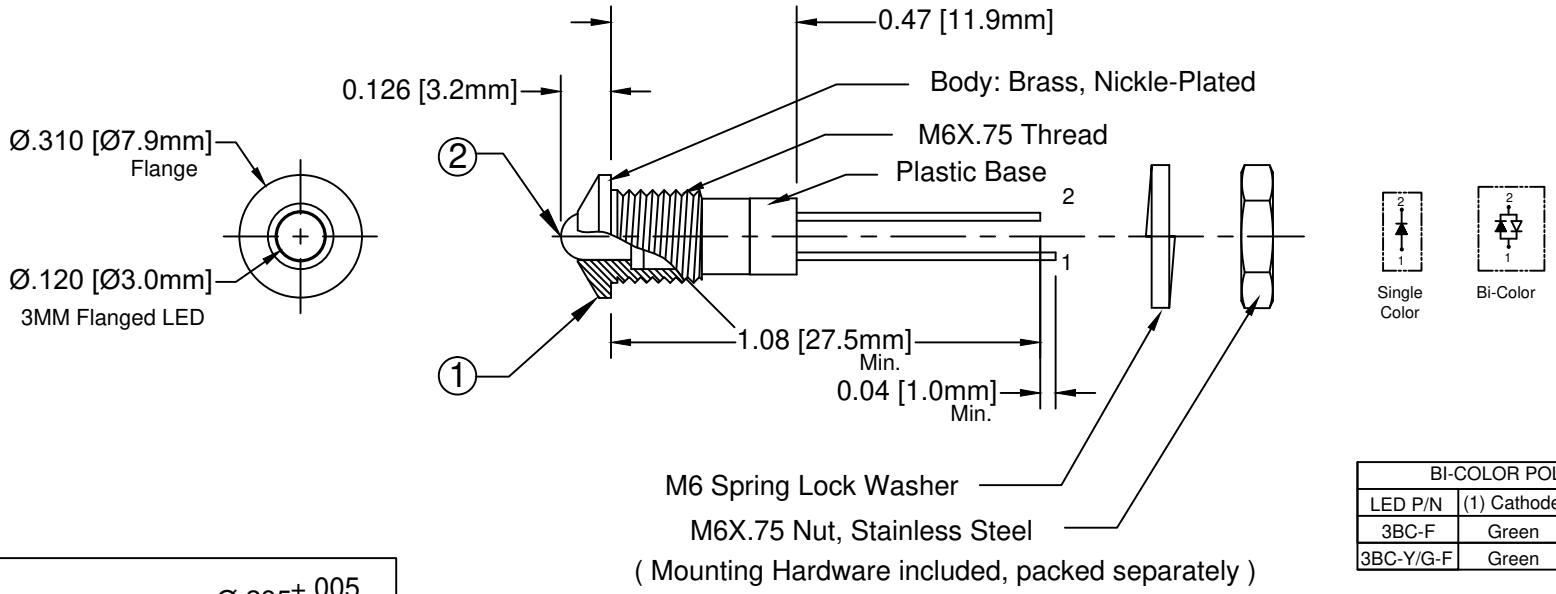
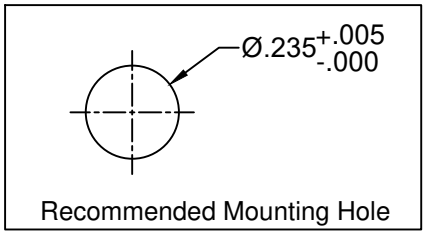
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	MPC3	Chrome Panel Mount Holder, 3mm
2	1	3XX-F	T-1 (3mm) Flanged LED, See Page 2 & 3

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	10/31/03	M. C.
B	Engineering Update w/o Changes.	04/06/05	M. C.
C	Changed Holder Length from .43 to .47.	03/21/07	M. C.
D	LED Updates	11/07/11	T. Y.
E	Updated LED offering	05/03/12	T. Y.
F	Updated Bi-Color Polarity Table	12/18/12	T. Y.
G	Updated LED Optical Characteristics	09/14/15	J. C.
H	Updated per EOL Notice	03/04/20	A. V.



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



ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V

REVERSE CURRENT (VR=5V) _____ 100µA

OPERATING TEMPERATURE RANGE _____ -40°C ~ 85°C

STORAGE TEMPERATURE _____ -40°C ~ 100°C

LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) _____ 260°C for 5 Seconds

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)
DECIMALS: .X ± .1; .XX ± .02; .XXX ± .010
ANGULAR: X° ± 1°

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: STD METAL PANEL MOUNT INDICATORS

DESIGNED:	DATE:	DRAWING NO:	REVISION:
David Green	10/31/03	MPC3XX	H
REVISED: V. Chavez	DATE: 03/04/20	SHEET SIZE: A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 03/04/20	SCALE: NONE	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 2θ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX	TYP		
MPC3BWD	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	10	35	3BWD-F
MPC3GD	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	35	3GD-F
MPC3YD	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	20	35	3YD-F
MPC3YT	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	20	3YT-F
MPC3AD	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	35	3AD-F
MPC3HD	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	30	35	3HD-F
MPC3RD	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	20	3RD-F
MPC3BC	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC-F
	GaP/GaP	568	GREEN		30	2.1	2.8	6		
MPC3BC-Y/G	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	4	45	3BC-Y/G-F
	GaP/GaP	568	GREEN		30	2.1	2.8	6		

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CAGE CODE	32559	DRAWING NO: MPC3XX	REVISION: H
SHEET SIZE	A	SCALE: NONE	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 2θ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX	TYP		
MPC3SGC	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	50	20	3SGC-F
MPC3SYC	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2.0	2.8	50	20	3SYC-F
MPC3SRC	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	20	3SRC-F
MPC3SRD	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	30	1.7	2.4	40	35	3SRD-F
MPC3UGC	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	200	20	3UGC-F
MPC3SUGC	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	300	35	3SUGC-F
MPC3UYC	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	300	20	3UYC-F
MPC3URC	GaAlAs/GaAs	645	RED	WATER CLEAR	30	1.7	2.4	200	35	3URC-F
MPC3SURC	AlGaInP	640	RED	WATER CLEAR	30	1.8	2.4	200	20	3SURC-F
MPC3UWC	InGaN/Sappire	6500K	WHITE	WATER CLEAR	30	3.2	3.6	6000	35	3UWC1.035C-F

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		
MPC3GDL	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	4.0	35	3GDL-F
MPC3YDL	GaAsP/GaP	590	YELLOW	DIFFUSED	10	7	-	2.0	2.6	2.0	35	3YDL-F
MPC3HDL	GaAsP/GaP	625	HE RED	DIFFUSED	10	7	-	2.0	2.6	2.5	35	3HDL-F

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CAGE CODE	32559	DRAWING NO: MPC3XX	REVISION: H
SHEET SIZE	A	SCALE: NONE	SHEET # 3 OF 3
		CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING	