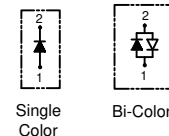
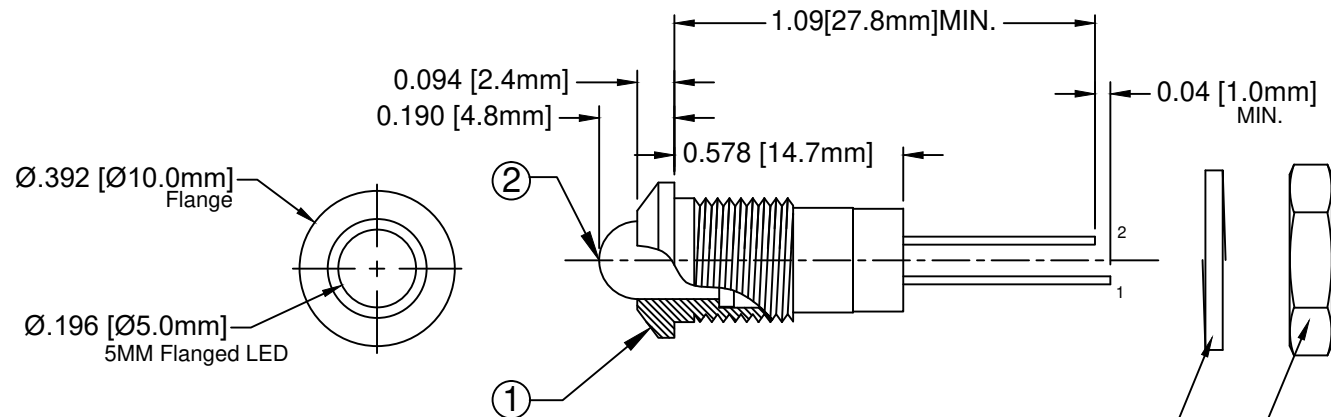


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	MPC5	Chrome Panel Mount Holder, 5mm
2	1	5XX-F	T-1¼ (5mm) Flanged LED, See Following Pages

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	03/02/05	M. C.
B	Corrected MPC5 Holder Dimension	09/06/05	M. C.
C	Corrected MPC5 Holder Dimension	11/29/05	M. C.
D	Updated MPC5 Holder Dimension	09/15/06	M. C.
E	Corrected LED Lead Polarity	02/01/07	M. C.
F	Updated LED offering	05/03/12	T. Y.
G	Corrected typo on page 4	07/16/12	T. Y.
H	Updated LED Optical Characteristics	09/15/15	J. C.
J	Updated per EOL Notice	03/05/20	A. V.



BI-COLOR POLARITY		
LED P/N	(1) Cathode	(2) Cathode
5BC	Green	Red
5BC-Y/G	Green	Yellow

M8 Spring Lock Washer
M8X.75 Nut, Stainless Steel

(Mounting Hardware included, packed separately)

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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	TITLE: STD METAL PANEL MOUNT INDICATORS	
.XX ± .02		DRAWING NO: MPC5XX J	
.XXX ± .010		REVISION: J	
DESIGNED: David Green	DATE: 03/02/05	SHEET SIZE: A	
REVISED: V. Chavez	DATE: 03/05/20	CAGE CODE: 32559	
CHECKED: A. Valdez	DATE: 03/05/20	SCALE: NONE	SHEET # 1 OF 2
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			
MPC5BWD	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	15	45	5BWD-F
MPC5GD	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	45	5GD-F
MPC5GT	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	40	35	5GT-F
MPC5YD	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	25	45	5YD-F
MPC5YT	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	35	5YT-F
MPC5AD	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	45	5AD-F
MPC5HD	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	25	45	5HD-F
MPC5HT	GaAsP/GaP	625	HE RED	TINTED	30	2	2.8	40	35	5HT-F
MPC5RD	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	45	5RD-F
MPC5BC	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		
MPC5BC-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		

LED Assy. No.	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Max. Rating	Electro-Optical Data @ 2mA			Viewing Angle 2 Y ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				MAX	TYP	MAX	TYP		
MPC5GDL	568	GREEN	DIFFUSED	7	2.1	2.6	4	40	5GDL-F

BIVAR[®]

CAGE CODE	32559	DRAWING NO:	MPC5XX	REVISION:	J
SHEET SIZE	A	SCALE:	NONE	SHEET #	2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING					