



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

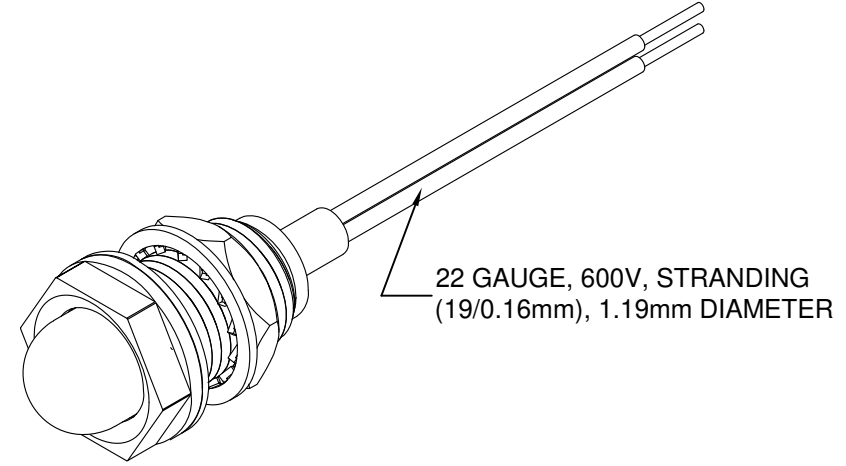
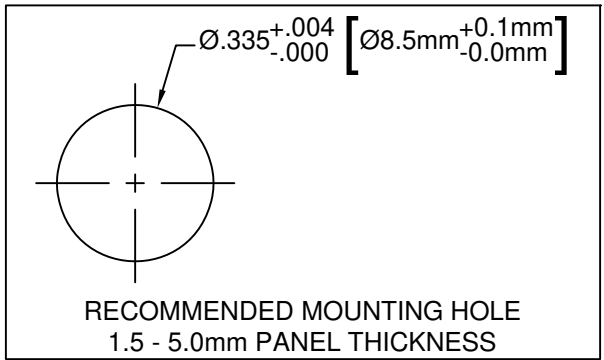
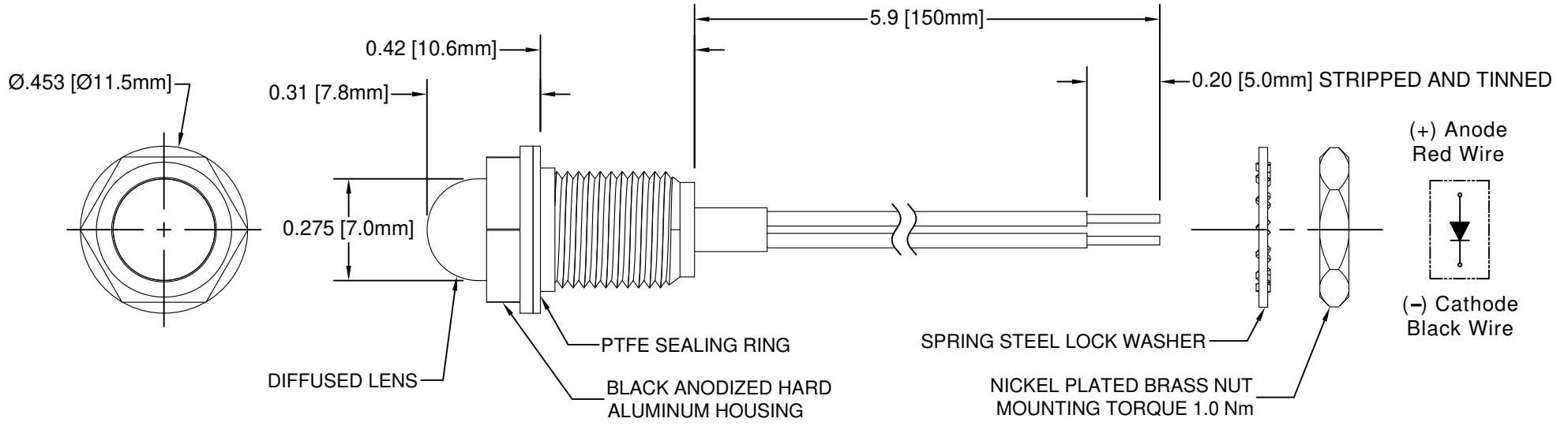
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV.	DESCRIPTION	DATE	APPROVED
B	Engineering Release	07/28/11	T. Y.
C	Added Wire Specs	02/13/13	T. Y.
D	Engineering Update w/o Changes	08/11/16	J. C.



- NOTES:
1. SEALED TO IP68 RATING
 2. HEXAGON BEZEL
 3. ROHS COMPLIANT
 4. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
 5. INSERT PTFE RING ON PANEL MOUNT ASSEMBLY PRIOR TO PANEL INSTALLATION

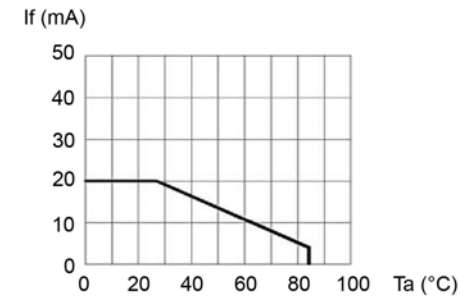
STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618	
.X ± .1	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		TITLE: WATER TIGHT PANEL MOUNT LED ASSEMBLY, 8.5MM MOUNTING	
.XXX ± .010		PART NO: PM5-AP7XXX	
DESIGNED: R. Paje	DATE: 02/23/11	REVISION: D	
CHECKED: T. Yin	DATE: 02/23/11	CAGE CODE : 32559	SHEET # 1 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

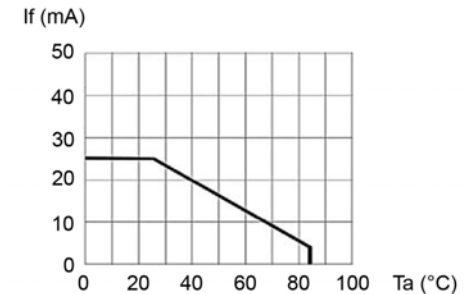
Part Number	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle
				Vf (VDC)	Iv (mcd)	
				TYP	TYP	
PM5-AP7R2.0V	630	RED	RED DIFFUSED	2.0	600	160
PM5-AP7Y2.0V	585	YELLOW	YELLOW DIFFUSED	2.0	600	160
PM5-AP7G3.4V	515	GREEN	GREEN DIFFUSED	3.4	800	160
PM5-AP7B3.4V	465	BLUE	BLUE DIFFUSED	3.4	400	160

Part Number	Chromaticity Coordinates	Emitted Color	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle
				Vf (VDC)	Iv (mcd)	
				TYP	TYP	
PM5-AP7W3.4V	X=0.31, Y=0.32	WHITE	WHITE DIFFUSED	3.4	1200	160

DERATING CURVES




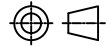
EMITTED COLORS: RED/YELLOW



EMITTED COLORS: GREEN/BLUE/WHITE

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM REVERSE VOLTAGE _____ 3V
 MAXIMUM POWER DISSIPATION _____ 75 mW
 OPERATING TEMPERATURE RANGE _____ -40°C ~ 95°C
 STORAGE TEMPERATURE _____ -40°C ~ 100°C

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
			
DESIGNED: R. Paje	DATE: 02/23/11	TITLE: WATER TIGHT PANEL MOUNT LED ASSEMBLY, 8.5MM MOUNTING	
CHECKED: T. Yin	DATE: 02/23/11	PART NO: PM5-AP7XXX	REVISION: D
		CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			