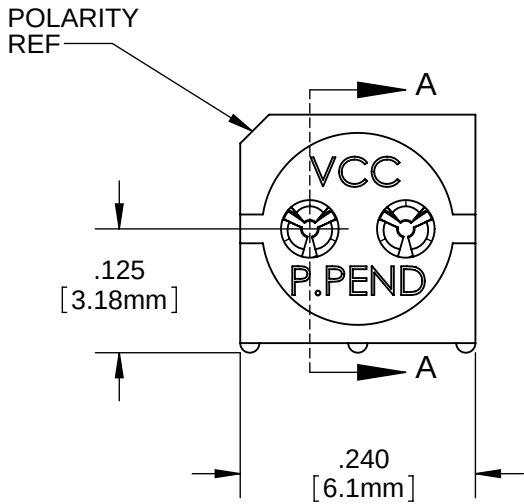
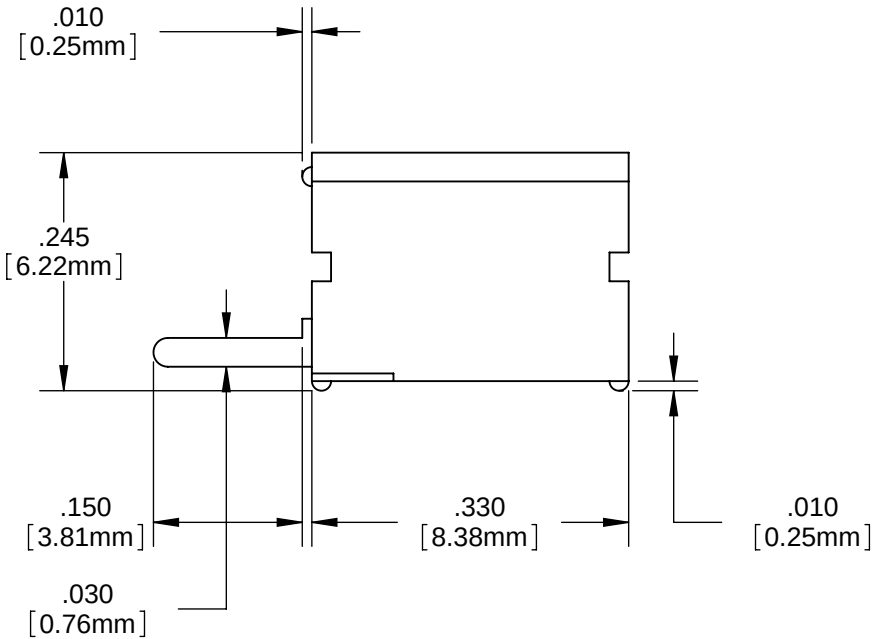
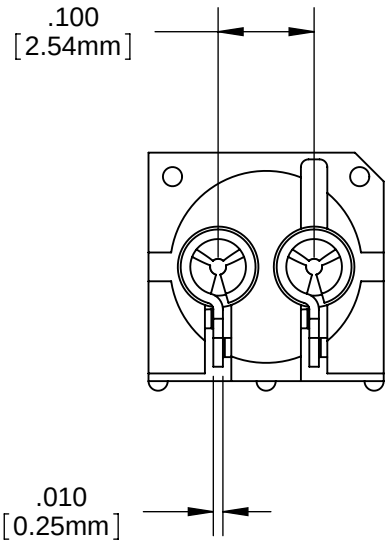
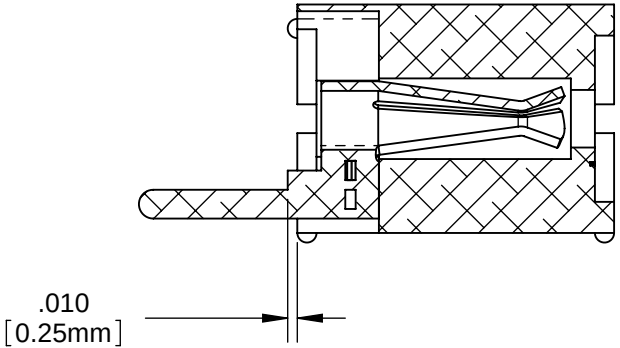
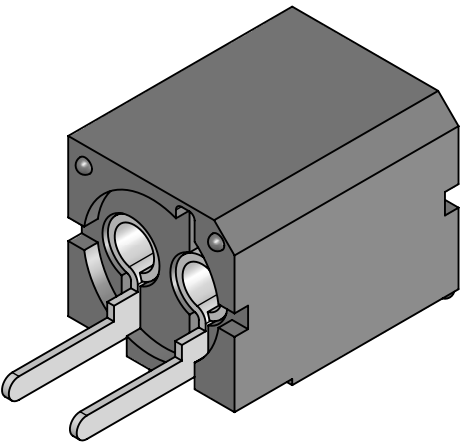
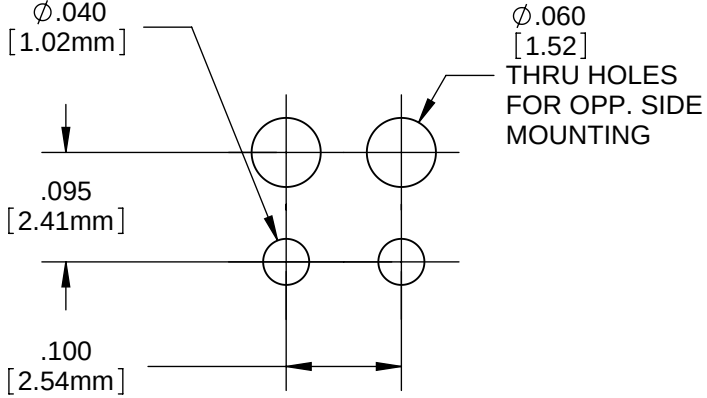


- NOTES:
1. MOUNTING: Spacing on .250 [6.35mm] centers. Optional .060 [1.52mm] holes for opposite side mounting. Same side mounting, delete the .060[1.52mm] holes. (see pattern)
 2. OPTO: Standard visible, IR LED, or photo detector with leads on .100 [.25mm] centers.
 3. LED LEAD DIMENSIONS: Minimum .017 [.43mm] round our square shape. Maximum .030 [.76mm] thickness - .040 [1.02mm] width.
 4. MATERIAL: Housing - Nylon 6/6, U.L. 94 V0 Rating, Color black (unless otherwise spec.)
Contacts - Phosphor bronze, tin sulfamate plated.
 5. U.S. & Foreign Pat. Issued & Pend.

REVISIONS				
ECN#	REV.	DESCRIPTION	DATE	INITIALS
	001	REVISED PER ECR111009AZ01	6-20-10	SMU



ORDERING CODE : **PCV 220**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES: ANGLES DECIMALS ±1' .X ±.020 FINISH .XX ±.010 .XXX ±.005 BREAK ALL CORNERS AND SHARP EDGES .030 MAX		MATERIAL SEE NOTES		VISUAL COMMUNICATIONS COMPANY, INC. 190 Bosstick Boulevard, Suite101 San Marcos, CA 92069 USA Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vcclite.com		
THIRD ANGLE PROJECTION THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF VISUAL COMMUNICATIONS COMPANY, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VISUAL COMMUNICATIONS COMPANY, INC. IS PROHIBITED.		FINISH		TITLE: P-C-LITE® VERTICAL MOUNT		
APPROVAL		DATE		SIZE DWG. NO. REV		
DRAWN: SMU		6-20-10		B PCV 220 001		
CHECKED: DZ		6-20-10		SCALE: 5:1 SHEET 1 OF 1		
DO NOT SCALE DRAWING						

Feature

- Low Power Consumption
- High Intensity
- I.C. compatible

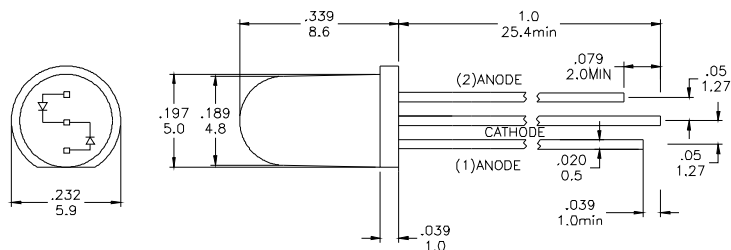
Applications

- Commercial Outdoor Sign Board
- Front Panel Indicator

Description

- The (1)Yellow and (2)Green Chips are Matched For uniform Light Output
- Diffusion Lens

Package Dimension



* Tolerance: $\frac{0.01}{0.25}$ Unit: $\frac{\text{inch}}{\text{mm}}$

Absolute Maximum Ratings at Ta=25°C

Symbol	Parameter	Max.	Unit
PD	Power Dissipation	100	mW
VR	Reverse Voltage	5	V
IAF	Average Forward Current	30	mA
IPF	Peak Forward Current (Duty=0.1 , 1kHz)	100	mA
—	Derating Linear Form 25°C	0.4	mA / °C
Topr	Operating Temperature Range	- 40 to + 80	°C
Tstg	Storage Temperature Range	- 40 to + 100	°C
Lead Soldering Temperature [1.6mm (0.063inch) From Body] 260°C For 5 Seconds.			

Electrical / Optical Characteristics and Curves at Ta=25°C

Symbol	Parameter	Test Condition	Min.	Typ.	Max.	Unit
VF	Forward Voltage	IF = 20 mA	Y	2.0	2.4	V
			G	2.0	2.4	
IR	Reverse Current	VR = 5 V			50	μA
IV	Luminous Intensity	IF = 20 mA	Y	70		mcd.
			G	63		
λd	Dominant Wavelength	IF = 20 mA	Y	590		nm
			G	570		

Specific binning requirements- please contact our home office