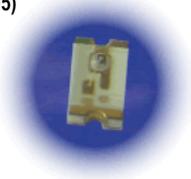
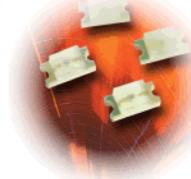
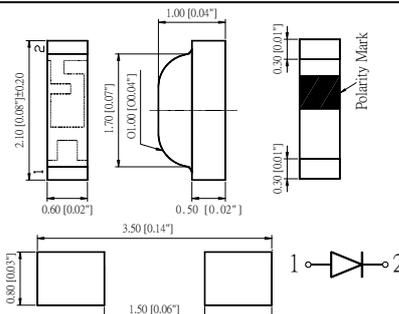
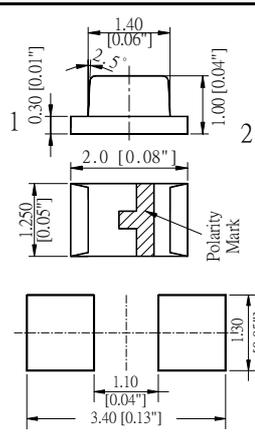
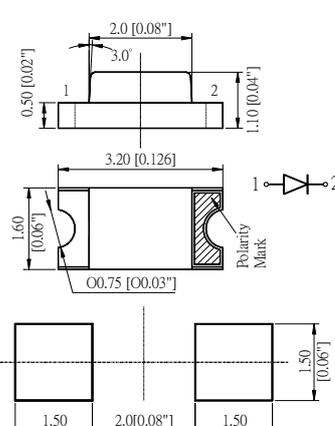


CV1021 (0802) RIGHT ANGLE 	C1220A (0805) 	C1632 (1206) 
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Part No.	Material	Emitter Color	Pin	Lens Type	Wave Length λ_p (nm)	At 20mA		View Angle $2\theta_{1/2}$ (deg)	Package Dimension
						Vf (V) Typ.	Iv (mcd) Min		
CV1021UIC	---	Orange Red	---	Water Clear	640	2.0	80	150	
CV1021UOC	---	Orange	---	Water Clear	610	2.2	80	150	
CV1021UYC	---	Yellow	---	Water Clear	595	2.0	80	150	
CV1021UGC	---	Green	---	Water Clear	575	2.0	25	150	
CV1021ZGC	---	Green	---	Water Clear	520	3.3	160	150	
CV1021UBC	---	Blue	---	Water Clear	460	3.50	40	150	
C1220AUC	---	Orange Red	---	Water Clear	640	2.0	80	140	
C1220AUOC	---	Orange	---	Water Clear	610	2.2	80	140	
C1220AUYC	---	Yellow	---	Water Clear	595	2.0	80	140	
C1220AUGC	---	Green	---	Water Clear	575	2.0	25	140	
C1220AZGC	---	Green	---	Water Clear	520	3.3	160	140	
C1220AUBC	---	Blue	---	Water Clear	460	3.50	40	140	
C1632UIC	---	Orange Red	---	Water Clear	640	2.0	80	140	
C1632UOC	---	Orange	---	Water Clear	610	2.2	80	140	
C1632UYC	---	Yellow	---	Water Clear	595	2.0	80	140	
C1632UGC	---	Green	---	Water Clear	575	2.0	25	140	
C1632ZGC	---	Green	---	Water Clear	520	3.3	160	140	
C1632UBC	---	Blue	---	Water Clear	460	3.50	40	140	

NOTES:

- All dimensions are in millimeters.
- Tolerance is +/- 0.2mm unless otherwise specified
- Protruded resin under flange is 1.5mm MAX.
- Specifications are subject to change without notice.