Kingbright

Optoelectronic Components

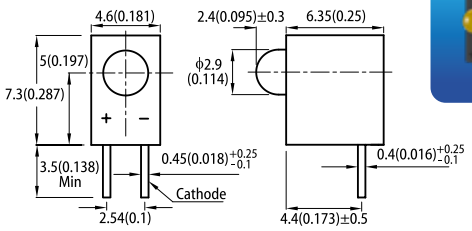
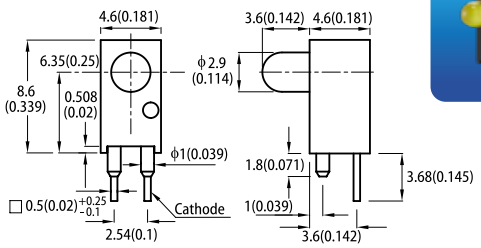
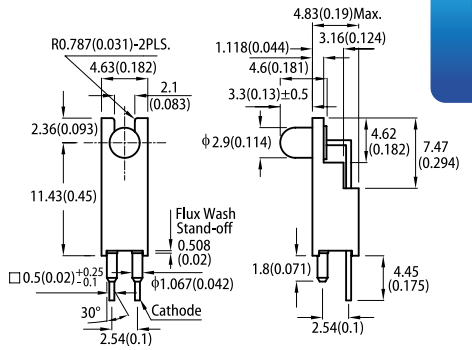
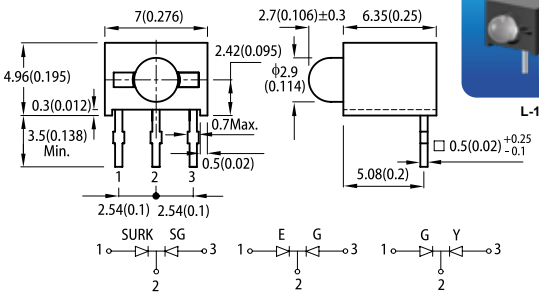
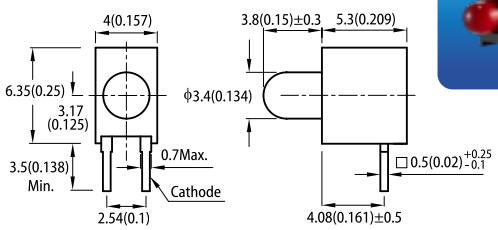
2025-2027

Circuit Board Indicator

Kingbright circuit board indicators come in a variety of configurations and color combinations that meet the specifications of your design requirements. It's perfect for applications ranging from diagnostic, industrial equipment, and data storage applications.

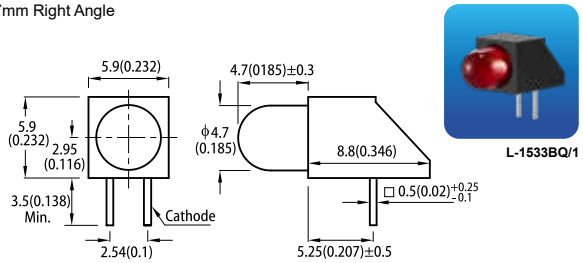
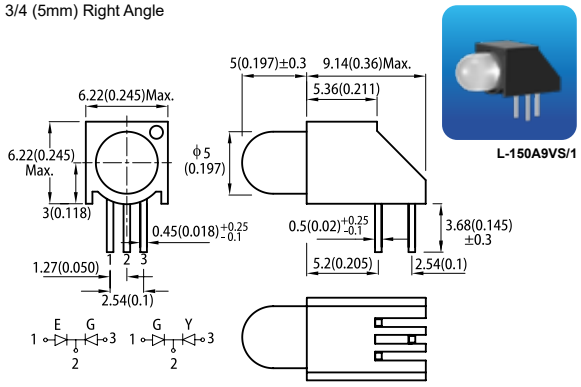
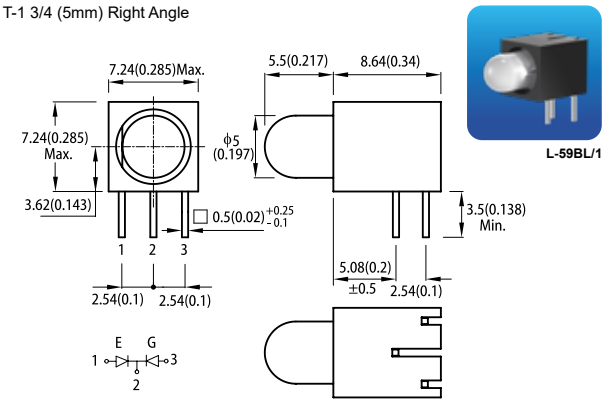
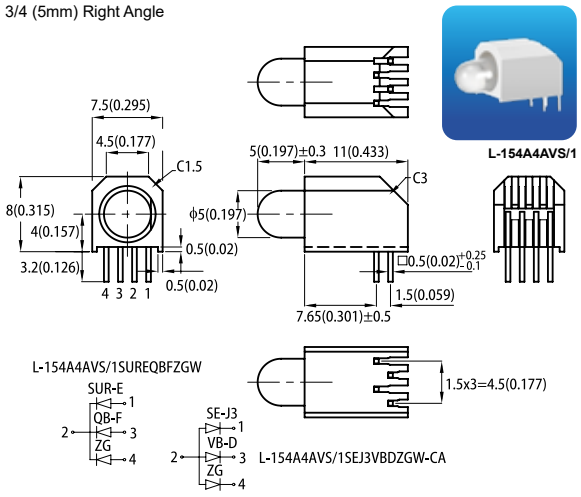



SINGLE-LEVEL CBI

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-710A8CB/1ID	GaAsP/GaP	617	red diffused	6	12	50°	T-1 (3mm) Right Angle  L-710A8CB/1 
L-710A8CB/1YD	GaAsP/GaP	588	yellow diffused	6	15	50°	
L-710A8CB/1GD	GaP	568	green diffused	8	25	50°	
L-7104RS/1YD	GaAsP/GaP	588	yellow diffused	8	15	50°	T-1 (3mm) Right Angle  L-7104RS/1 
L-7104RS/1GD	GaP	568	green diffused	10	25	50°	
L-7104ZH/1ID	GaAsP/GaP	617	red diffused	12	30	50°	T-1 (3mm) Right Angle  L-7104ZH/1 
L-7104ZH/1YD	GaAsP/GaP	588	yellow diffused	8	15	50°	
L-7104ZH/1GD	GaP	568	green diffused	10	25	50°	
L-130WDT/1SURKSGW	AlGaInP	630	white diffused	*100	*200	60°	T-1 (3mm) Right Angle  L-130WDT/1 
	GaP	568		*12	*30		
L-130WDT/1EGW	GaAsP/GaP	617	white diffused	*10	*24	60°	
	GaP	568		*12	*30		
L-130WDT/1GYW	GaP	568	white diffused	*18	*40	60°	
	GaAsP/GaP	588		*10	*20		
L-1384AD/1ID	GaAsP/GaP	617	red diffused	12	30	60°	3.4mm Right Angle  L-1384AD/1 
L-1384AD/1YD	GaAsP/GaP	588	yellow diffused	8	15	60°	
L-1384AD/1GD	GaP	568	green diffused	10	20	60°	

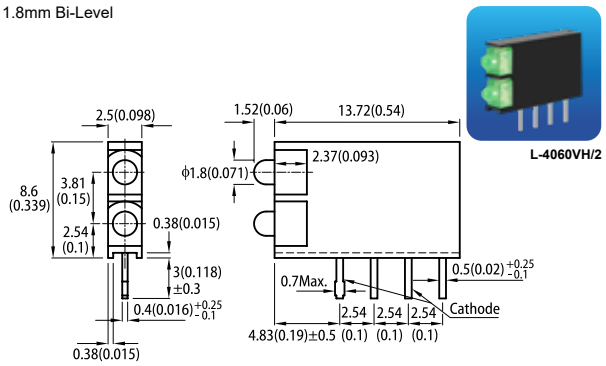
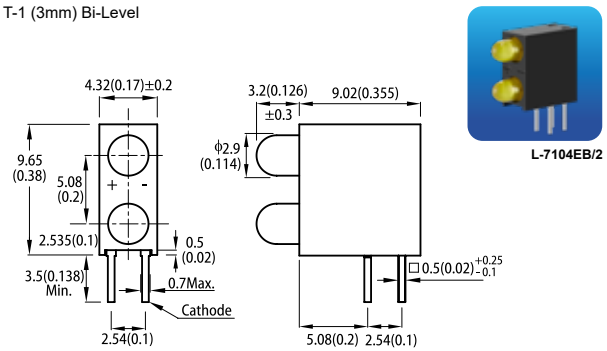
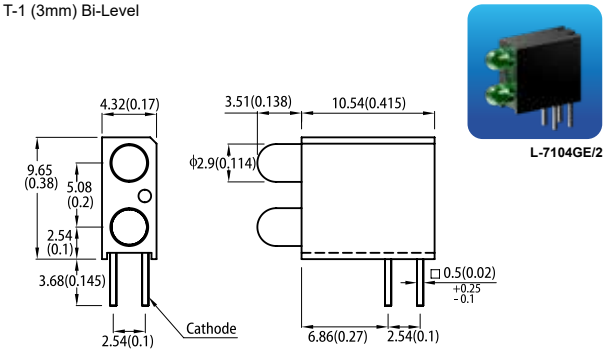
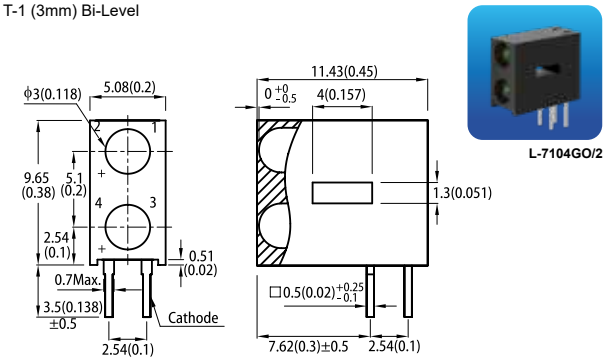
NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

SINGLE-LEVEL CBI

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-1533BQ/1ID	GaAsP/GaP	617	red diffused	15	45	30°	4.7mm Right Angle 
L-1533BQ/1GD	GaP	568	green diffused	20	50	30°	
L-150A9VS/1EGW	GaAsP/GaP	617	white diffused	*12	*30	40°	T-1 3/4 (5mm) Right Angle 
	GaP	568		*18	*50		
L-150A9VS/1GYW	GaP	568	white diffused	*18	*50	40°	
	GaAsP/GaP	588		*8	*20		
L-59BL/1EGW	GaAsP/GaP	617	white diffused	*20	*40	30°	T-1 3/4 (5mm) Right Angle 
	GaP	568		*20	*60		
L-154A4AVS/1SUREQBFZGW	AlGaInP	630	white diffused	*200	*430	60°	T-1 3/4 (5mm) Right Angle 
	InGaN	465		*300	*500		
	InGaN	525		*1000	*2000		
L-154A4AVS/1SEJ3VBDZGW-CA	AlGaInP	625	white diffused	*900	*1500	60°	
	InGaN	470		*200	*400		
	InGaN	525		*700	*1500		

NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

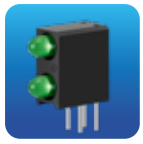
BI-LEVEL CBI

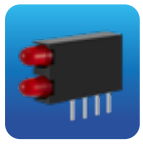
Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-4060VH/2ID	GaAsP/GaP	617	red diffused	4	8	70°	1.8mm Bi-Level 
L-4060VH/2YD	GaAsP/GaP	588	yellow diffused	4	8	70°	
L-4060VH/2GD	GaP	568	green diffused	6	12	70°	
L-7104EB/2ID	GaAsP/GaP	617	red diffused	12	30	50°	T-1 (3mm) Bi-Level 
L-7104EB/2YD	GaAsP/GaP	588	yellow diffused	8	15	50°	
L-7104EB/2GD	GaP	568	green diffused	10	25	50°	
L-7104GE/2GD	GaP	568	green diffused	10	25	50°	T-1 (3mm) Bi-Level 
L-7104GO/2GD	GaP	568	green diffused	10	25	50°	T-1 (3mm) Bi-Level 

NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

BI-LEVEL CBI

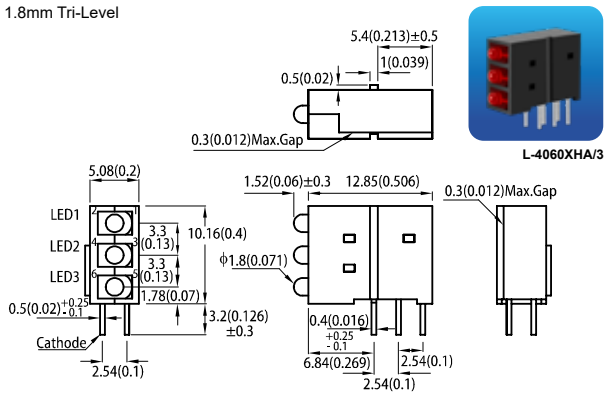
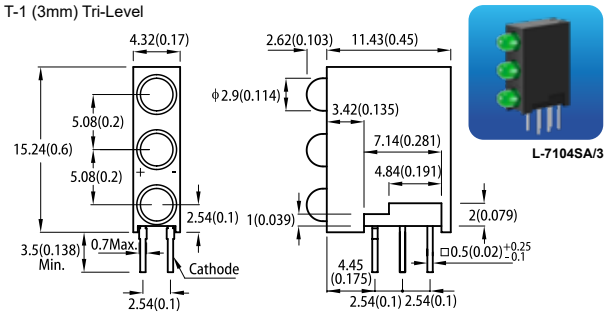
Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA *20mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-7104MD/2YD	GaAsP/GaP	588	yellow diffused	8	15	50°	T-1 (3mm) Bi-Level
L-7104MD/2GD	GaP	568	green diffused	10	25	50°	
L-7104MD/1G1ID	GaP	568	green diffused	10	25	50°	
	GaAsP/GaP	617	red diffused	12	30	50°	
L-7104RT/2ID	GaAsP/GaP	617	red diffused	12	30	50°	T-1 (3mm) Bi-Level
L-7104RT/1G1YD	GaP	568	green diffused	10	25	50°	
	GaAsP/GaP	588	yellow diffused	8	15	50°	
L-130WCP/2EGW	GaAsP/GaP	617	white diffused	*10	*24	60°	T-1(3mm) Bi-Level
	GaP	568		*12	*30		
L-130WCP/2GYW	GaP	568	white diffused	*18	*40	60°	
	GaAsP/GaP	588		*10	*20		
L-1503EB/1I1YD	GaAsP/GaP	617	red diffused	30	70	30°	T-1 3/4 (5mm) Bi-Level
	GaAsP/GaP	588	yellow diffused	15	30	30°	
L-1503EB/1G1XD	GaP	568	green diffused	15	30	30°	
L-1503EB/2GD	GaP	568	green diffused	15	30	30°	



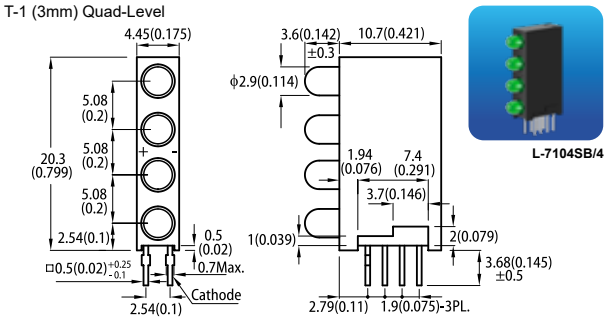


NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.

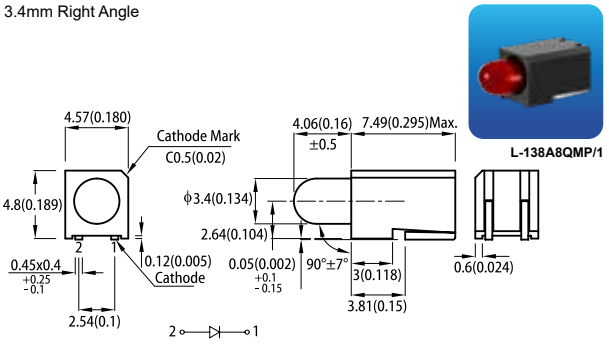
TRI-LEVEL CBI

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-4060XHA/3ID	GaAsP/GaP	617	red diffused	4	8	70°	1.8mm Tri-Level 
L-4060XHA/3YD	GaAsP/GaP	588	yellow diffused	4	8	70°	
L-4060XHA/3GD	GaP	568	green diffused	6	12	70°	
L-7104SA/2G1ID	GaP	568	green diffused	10	25	50°	T-1 (3mm) Tri-Level 
	GaAsP/GaP	617	red diffused	12	30	50°	
L-7104SA/3GD	GaP	568	green diffused	10	25	50°	

QUAD-LEVEL CBI

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-7104SB/1G1Y1G1YD	GaP	568	green diffused	10	25	50°	T-1 (3mm) Quad-Level 
	GaAsP/GaP	588	yellow diffused	8	15	50°	
L-7104SB/4GD	GaP	568	green diffused	10	25	50°	

SMD CBI

Part Number	Material	λD (nm)	Lens Type	Iv (mcd) @10mA		Viewing Angle	Dimensions
				Min.	Typ.	2θ1/2	
L-138A8QMP/1ID	GaAsP/GaP	617	red diffused	4	10	40°	3.4mm Right Angle 
L-138A8QMP/1YD	GaAsP/GaP	588	yellow diffused	4	8	40°	
L-138A8QMP/1GD	GaP	568	green diffused	6	12	40°	

NOTES:
1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise noted.
3. Luminous intensity value is traceable to CIE127-2007 standards.