

STANDARD LED LAMPS(RECTANGULAR TYPES)

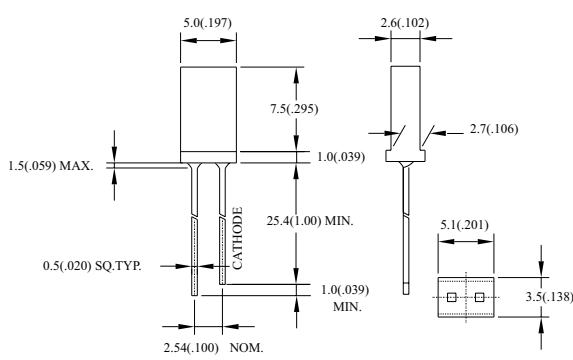
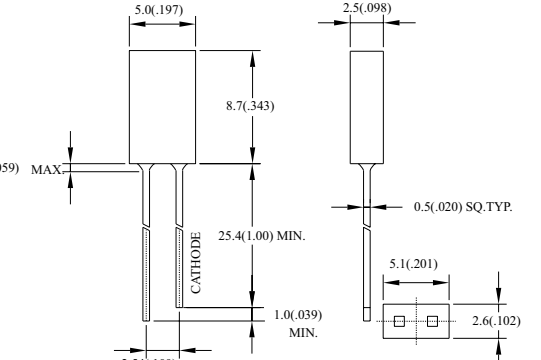
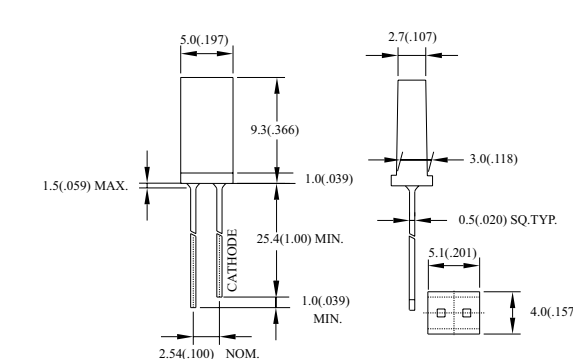
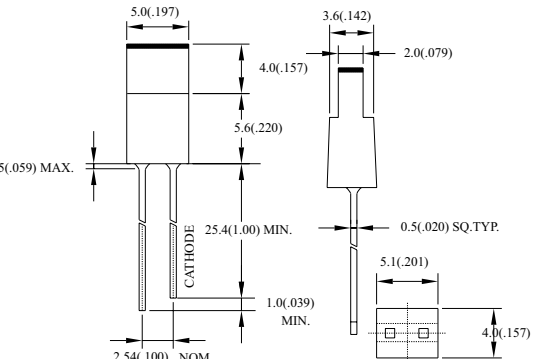
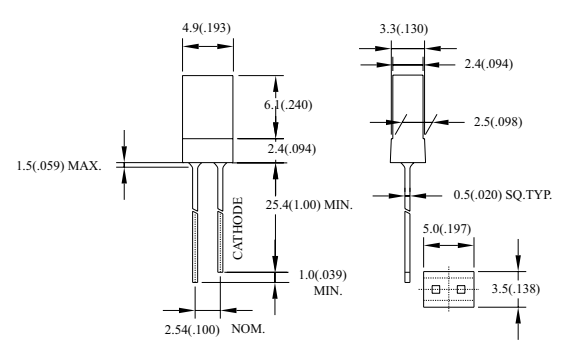
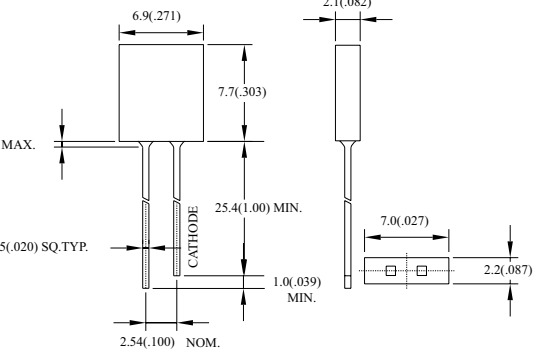
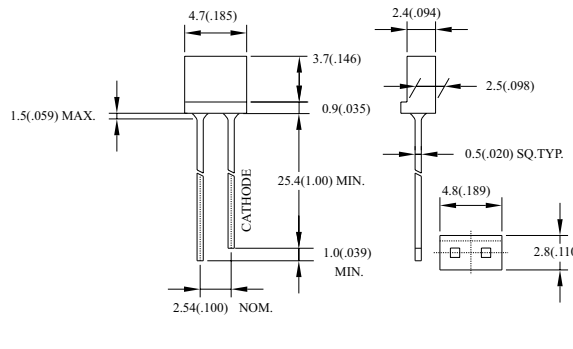
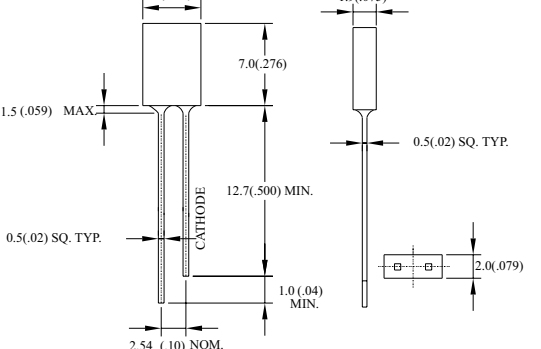
Package	Part No.	Chip		Lens Appearance	Absolute Maximum Ratings				Electro-optical Data(At 20mA)			Viewing Angle 2 θ 1/2 (deg)	Drawing No.
		Material/ Emitted Color	Peak Wave Length λ p(nm)		Δ λ (nm)	Pd (mw)	If (mA)	Peak (mA)	Vf (V)		Iv (mcd)		
									Typ	Max	Typ.		
2.6x5.0x 8.5mm 1.0" Lead Rectangular	BL-R1132D	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	130	L-073
	BL-R5132D	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-R4532D	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	7.0		
	BL-R2132D	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	7.0		
	BL-R3132D	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	6.0		
	BL-R4132D	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	7.0		
	BL-R9132D	GaP/GaP/ Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.5		
2.5x5.0x 8.7mm 1.0" Lead Rectangular	BL-R1132E	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.5	130	L-074
	BL-R5132E	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.8		
	BL-R4532E	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	7.0		
	BL-R2132E	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	7.0		
	BL-R3132E	GaAsP/GaP / Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	6.0		
	BL-R4132E	GaAsP/GaP / Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	7.0		
	BL-R9132E	GaP/GaP/ Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.5		
3.0x5.0x 10mm 1.0" Lead Rectangular	BL-R1132F	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.8	125	L-075
	BL-R5132F	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.2		
	BL-R4132F	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	5.0		
	BL-R2132F	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	5.0		
	BL-R3132F	GaAsP/GaP / Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.5		
	BL-R8132F	GaAsP/GaP/ Amber	610	Orange Diffused	35	80	30	150	2.0	2.6	4.5		
	BL-R9132F	GaP/GaP / Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.8		
2.0x5.0x 7.8mm 1.0" Lead Rectangular	BL-R1132H	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.8	125	L-076
	BL-R5132H	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.6		
	BL-R4532H	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	5.0		
	BL-R2132H	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	5.0		
	BL-R3132H	GaAsP/GaP / Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	4.5		
	BL-R4132H	GaAsP/GaP / Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	5.0		
	BL-R9132H	GaP/GaP/ Pure Green	555	Green Diffused	30	80	30	150	2.2	2.6	0.8		
2.4x5.0x 8.4mm 1.0" Lead Rectangular	BL-R1132J	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	125	L-077
	BL-R5132J	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-R4532J	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	6.0		
	BL-R2132J	GaP/ GaP Green	568	Green Diffused	30	80	30	150	2.2	2.6	6.0		
	BL-R3132J	GaAsP/GaP / Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	5.0		
	BL-R4132J	GaAsP/GaP / Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	6.0		
	BL-R9132J	GaP/GaP / Pure Green	555	Green Diffused	30	80	30	150	2.2	2.6	0.6		
2.1x6.9x 7.7mm 1.0" Lead Rectangular	BL-R1132K	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.6	125	L-078
	BL-R5132K	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	1.0		
	BL-R4532K	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	7.0		
	BL-R2132K	GaP/ GaP Green	568	Green Diffused	30	80	30	150	2.2	2.6	7.0		
	BL-R3132K	GaAsP/ GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	6.0		
	BL-R4132K	GaAsP/GaP/ Orange	635	Orange Diffused	45	80	30	150	2.0	2.6	7.0		
	BL-R9132K	GaP/GaP / Pure Green	555	Green Diffused	25	80	30	150	2.2	2.6	0.6		
2.4x4.8x 4.6mm 1.0" Lead Rectangular	BL-R1132L	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.4	125	L-079
	BL-R5132L	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.6		
	BL-R4532L	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	4.0		
	BL-R2132L	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	4.0		
	BL-R3132L	GaAsP/GaP/ Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	3.0		
BL-R4132L	GaAsP/GaP/ Orange	635	Orange Diffused	25	80	30	150	2.0	2.6	0.6			
2.0x5.0x 7.0mm 0.5" Lead Rectangular	BL-R1122N	GaAsP/GaAs/ Red	655	Red Diffused	40	80	40	200	1.7	2.0	0.5	140	L-080
	BL-R5122N	GaP/GaP/ Bright Red	700		90	40	15	50	2.2	2.6	0.7		
	BL-R4522N	GaAsP/GaP/ Hi-Eff Red	635		45	80	30	150	2.0	2.6	4.5		
	BL-R2122N	GaP/GaP/ Green	568	Green Diffused	30	80	30	150	2.2	2.6	4.5		
	BL-R3122N	GaAsP/GaP / Yellow	585	Yellow Diffused	35	80	30	150	2.1	2.6	3.5		

Remark : 1.Hi-Eff Red / High-Efficiency Red.

2.Trans / Transparent.

3.2 θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity.

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L-073 BL-Rxx32D Series  Dimensions (mm): 5.0(.197), 2.6(.102), 7.5(.295), 1.0(.039), 2.7(.106), 1.5(.059) MAX., 0.5(.020) SQ.TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(.100) NOM., 5.1(.201), 3.5(.138).	L-074 BL-Rxx32E Series  Dimensions (mm): 5.0(.197), 2.5(.098), 8.7(.343), 1.5(.059) MAX., 0.5(.020) SQ.TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(.100) NOM., 5.1(.201), 2.6(.102).
L-075 BL-Rxx32F Series  Dimensions (mm): 5.0(.197), 2.7(.107), 9.3(.366), 1.5(.059) MAX., 1.0(.039), 25.4(1.00) MIN., 0.5(.020) SQ.TYP., 1.0(.039) MIN., 2.54(.100) NOM., 5.1(.201), 4.0(.157).	L-076 BL-Rxx32H Series  Dimensions (mm): 5.0(.197), 3.6(.142), 4.0(.157), 1.5(.059) MAX., 5.6(.220), 25.4(1.00) MIN., 0.5(.020) SQ.TYP., 1.0(.039) MIN., 2.54(.100) NOM., 5.1(.201), 4.0(.157).
L-077 BL-Rxx32J Series  Dimensions (mm): 4.9(.193), 3.3(.130), 2.4(.094), 1.5(.059) MAX., 6.1(.240), 2.4(.094), 25.4(1.00) MIN., 0.5(.020) SQ.TYP., 1.0(.039) MIN., 2.54(.100) NOM., 5.0(.197), 3.5(.138).	L-078 BL-Rxx32K Series  Dimensions (mm): 6.9(.271), 2.1(.082), 7.7(.303), 1.5(.059) MAX., 0.5(.020) SQ.TYP., 25.4(1.00) MIN., 1.0(.039) MIN., 2.54(.100) NOM., 7.0(.027), 2.2(.087).
L-079 BL-Rxx32L Series  Dimensions (mm): 4.7(.185), 2.4(.094), 3.7(.146), 1.5(.059) MAX., 0.9(.035), 25.4(1.00) MIN., 0.5(.020) SQ.TYP., 1.0(.039) MIN., 2.54(.100) NOM., 4.8(.189), 2.8(.110).	L-080 BL-Rxx22N Series  Dimensions (mm): 5.0(.197), 1.9(.075), 7.0(.276), 1.5(.059) MAX., 0.5(.02) SQ. TYP., 12.7(.500) MIN., 1.0(.04) MIN., 2.54(.10) NOM., 2.0(.079).

Notes : 1.All Dimensions are in millimeters (inches).
2.Tolerance is $\pm 0.25\text{mm}$ (.010").