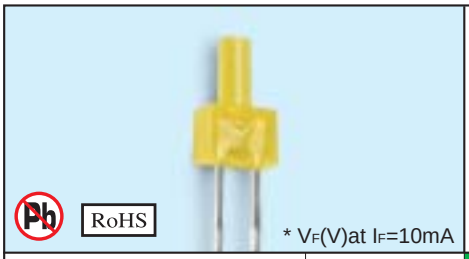
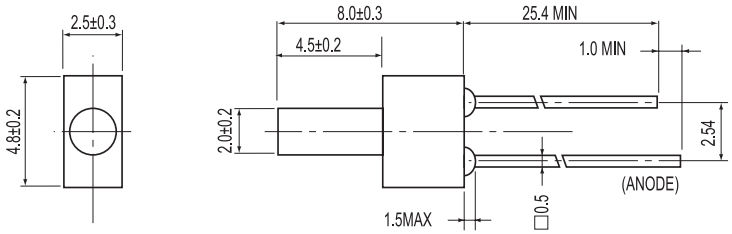
Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

2mm Tower Type LED

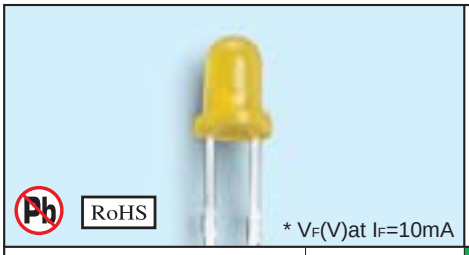
UNIT: mm

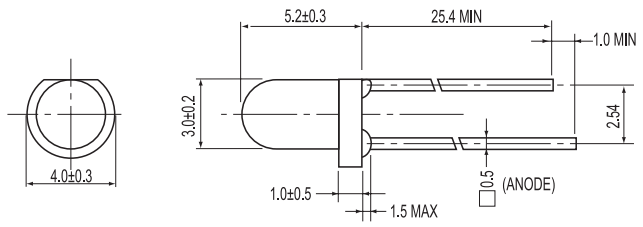




103GD	GaP	Green	570	Color Diff.	2.1	2.4	10	0.4	2.5	90
103YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.3	2.5	
103ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.4	2.5	
103HD*	GaP	Red	650		2.0	2.4		0.2	1.0	

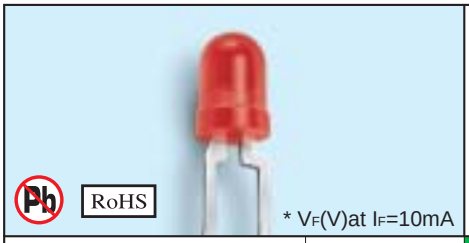
3mm Round Standard LED, T-1

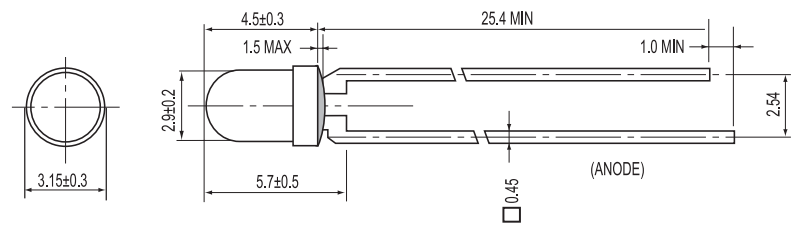




204GD	GaP	Green	570	Color Diff.	2.1	2.4	10	4.0	10	70
204YD	GaAsP/GaP	Yellow	590		2.0	2.4		2.5	6.3	
204ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		4.0	6.3	60
204ED	GaAsP/GaP	Orange	625		2.0	2.4		4.0	6.3	70
204HD*	GaP	Red	650		2.0	2.4		0.5	1.0	60
204GT	GaP	Green	570	Color Trans.	2.1	2.4	10	16	40	30
204YT	GaAsP/GaP	Yellow	590		2.0	2.4		10	25	
204IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		10	20	
204ET	GaAsP/GaP	Orange	625		2.0	2.4		10	20	
204HT*	GaP	Red	650		2.0	2.4		1.6	4.0	

3mm Round Small Flange with Stand-Off LED, T-1





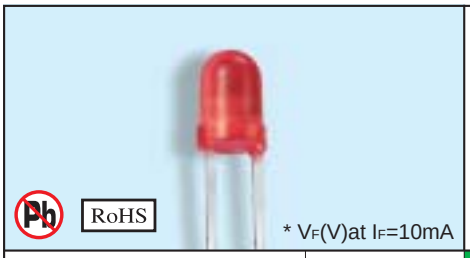
264-7GD	GaP	Green	570	Color Diff.	2.1	2.4	10	6.3	10	60
264-7YD	GaAsP/GaP	Yellow	590		2.0	2.4		6.3	10	
264-7ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		4.0	10	
264-7HD*	GaP	Red	650		2.0	2.4		0.25	1.0	
264-7GT	GaP	Green	570	Color Trans.	2.1	2.4	10	20	40	40
264-7YT	GaAsP/GaP	Yellow	590		2.0	2.4		10	16	
264-7IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		6.3	16	

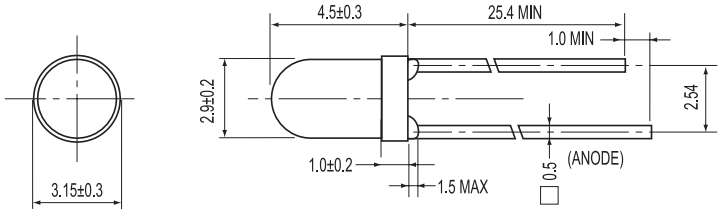
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Round Small Flange without Stand-Off LED, T-1

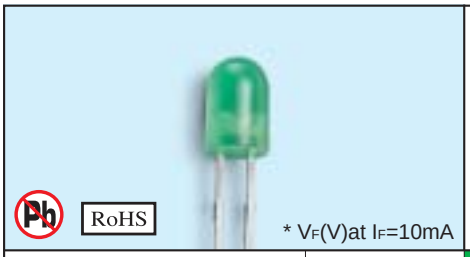
UNIT: mm

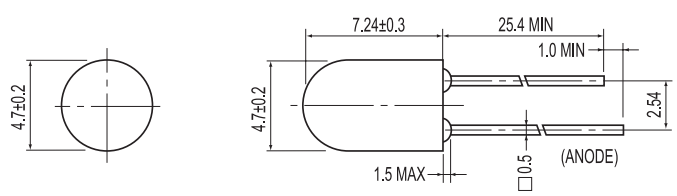




264-10GD	GaP	Green	570	Color Diff.	2.1	2.4	10	2.5	10	60
264-10YD	GaAsP/GaP	Yellow	590		2.0	2.4		1.6	10	
264-10ED	GaAsP/GaP	Orange	625		2.0	2.4		2.5	10	
264-10ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		2.0	10	
264-10HD*	GaP	Red	650		2.0	2.4		1.6	2.5	
264-10GT	GaP	Green	570	Color Trans.	2.1	2.4	10	20	40	40
264-10YT	GaAsP/GaP	Yellow	590		2.0	2.4		16	40	

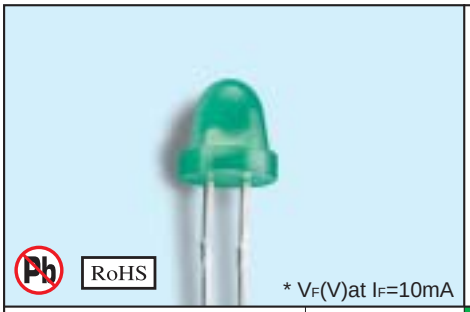
4.7mm Round Flangeless LED, T-1 3/4

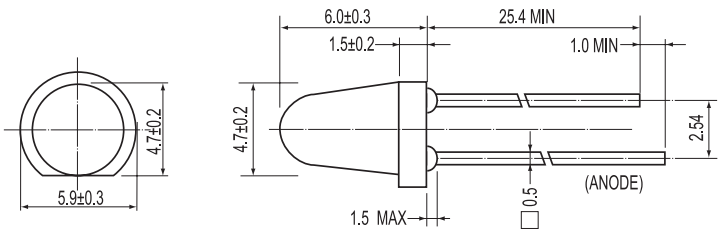




313GD	GaP	Green	570	Color Diff.	2.1	2.4	10	2.5	5.0	60
313YD	GaAsP/GaP	Yellow	590		2.0	2.4		2.5	5.0	
313ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		2.5	5.0	
313HD*	GaP	Red	650		2.0	2.4		0.5	1.6	
313GT	GaP	Green	570	Color Trans.	2.1	2.4	10	16	40	25
313YT	GaAsP/GaP	Yellow	590		2.0	2.4		25	40	
313IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		40	63	

5mm Low Profile Shape LED, T-1 3/4





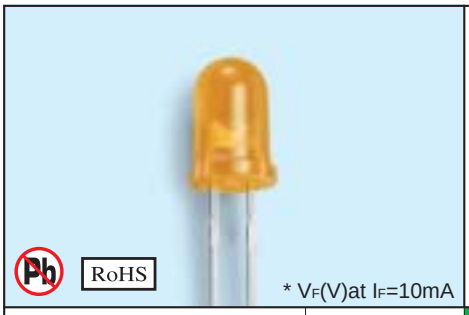
323GD	GaP	Green	570	Color Diff.	2.1	2.4	10	1.0	4.0	60
323ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		1.0	4.0	
323HD*	GaP	Red	650		2.0	2.4		0.4	0.63	
323GT	GaP	Green	570	Color Trans.	2.1	2.4	10	10	20	40

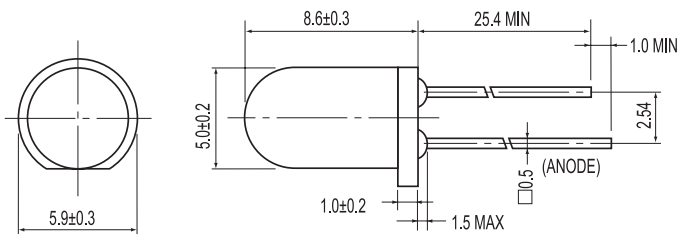
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round Standard LED, T-1 3/4

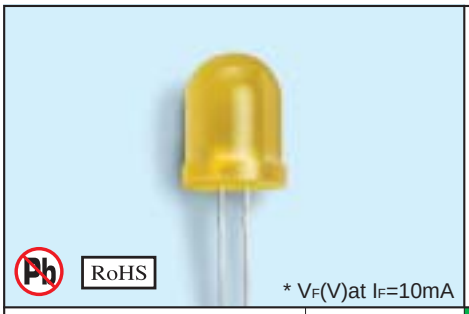
UNIT: mm

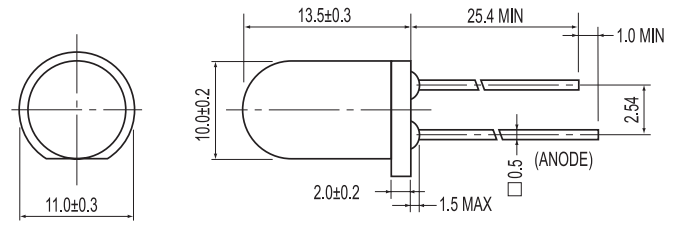




333GD	GaP	Green	570	Color Diff.	2.1	2.4	10	2.0	10	60
333YD	GaAsP/GaP	Yellow	590		2.0	2.4		2.0	10	
333ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		2.5	10	
333HD*	GaP	Red	650		2.0	2.4		1.0	2.0	
333GT	GaP	Green	570	Color Trans.	2.1	2.4	10	10	30	20
333YT	GaAsP/GaP	Yellow	590		2.0	2.4		25	40	
333IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		10	30	
333HT*	GaP	Red	650		2.0	2.4		1.6	4.0	

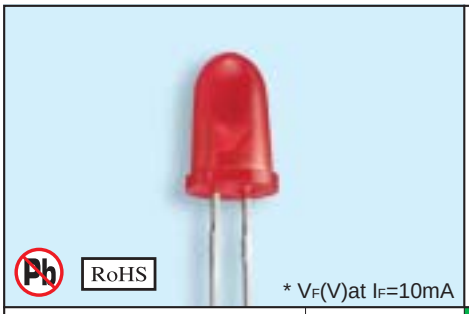
10mm Round LED

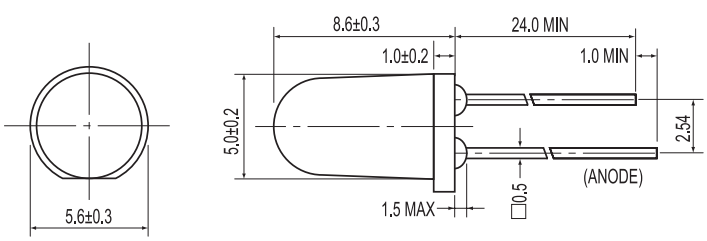




363GD	GaP	Green	570	Color Diff.	2.1	2.4	10	10	20	40
363YD	GaAsP/GaP	Yellow	590		2.0	2.4		6.3	12.5	
363ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		6.3	12.5	
363HD*	GaP	Red	650		2.0	2.4		1.6	3.2	

5mm Round LED





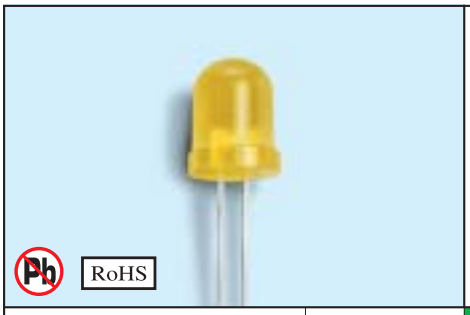
383GD	GaP	Green	570	Color Diff.	2.1	2.4	10	10	25	50
383YD	GaAsP/GaP	Yellow	590		2.0	2.4		4.0	8.0	
383ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		10	25	
383HD*	GaP	Red	650		2.0	2.4		0.5	1.6	

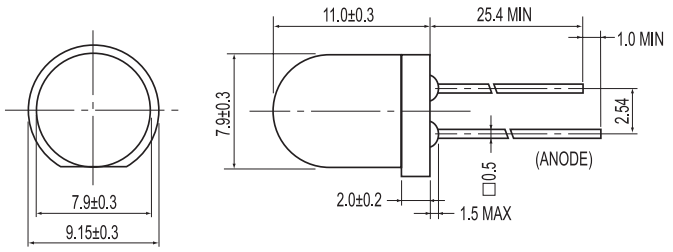
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

8mm Round LED

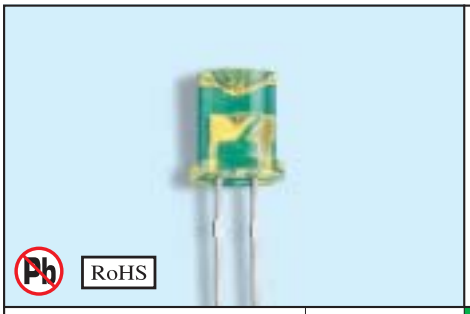
UNIT: mm

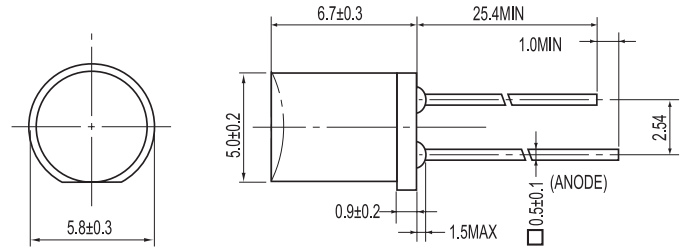




393GD	GaP	Green	570	Color Diff.	2.1	2.4	10	2.3	7.5	70
393YD	GaAsP/GaP	Yellow	590		2.0	2.4		1.8	7.5	
393ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		2.3	7.5	
393ED	GaAsP/GaP	Orange	625		2.0	2.4		2.3	7.5	

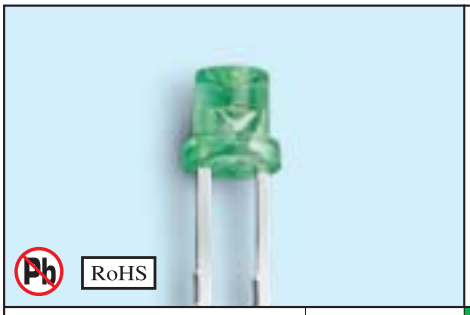
5mm Backlighting Wide Angle LED, T-1 3/4

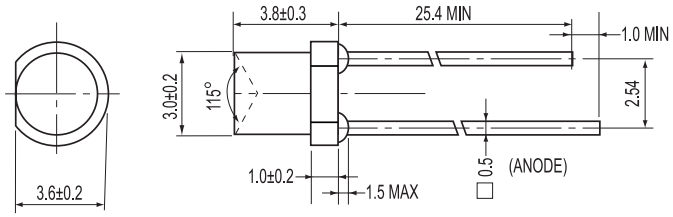




473GT	GaP	Green	570	Color Trans.	2.0	2.4	10	1.6	3.2	150
473YT	GaAsP/GaP	Yellow	590		2.0	2.4		0.4	1.6	
473ET	GaAsP/GaP	Orange	625		2.0	2.4		1.0	2.0	

3mm Backlighting LED, T-1





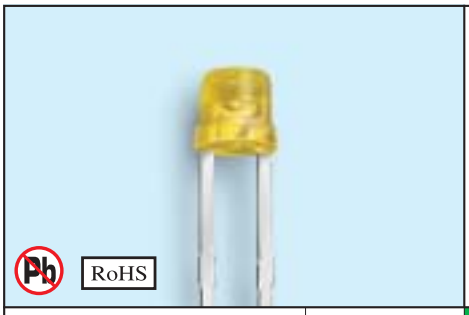
484GT	GaP	Green	570	Color Trans.	2.1	2.4	10	2.5	4.0	150
484YT	GaAsP/GaP	Yellow	590		2.0	2.4		1.0	2.0	
484ET	GaAsP/GaP	Orange	625		2.0	2.4		1.0	2.0	160
484IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		1.0	2.0	

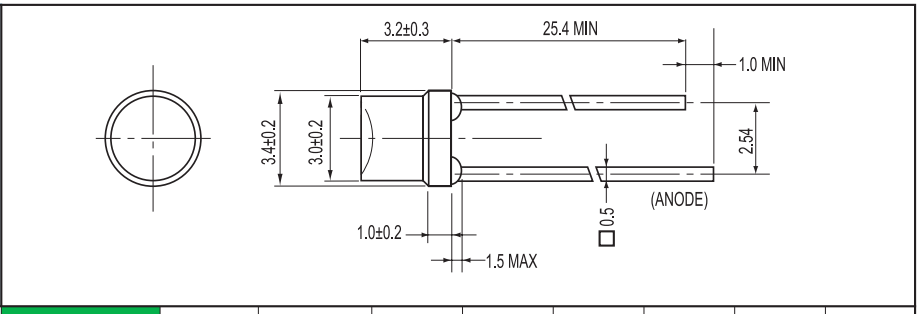
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Backlighting With Small Flange LED, T-1

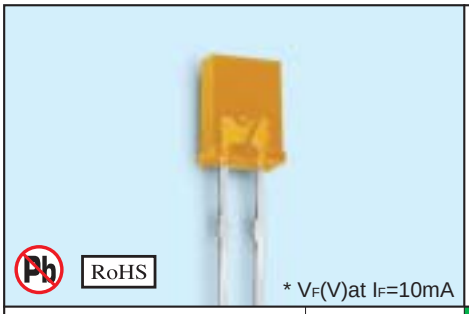
UNIT: mm

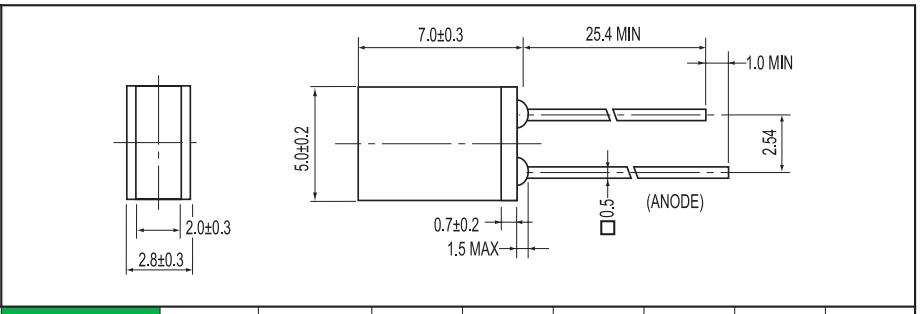




494GT	GaP	Green	570	Color Trans.	2.0	2.4	10	1.6	3.2	110
494YT	GaAsP/GaP	Yellow	590		2.0	2.4		0.4	2.0	
494IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.5	2.0	

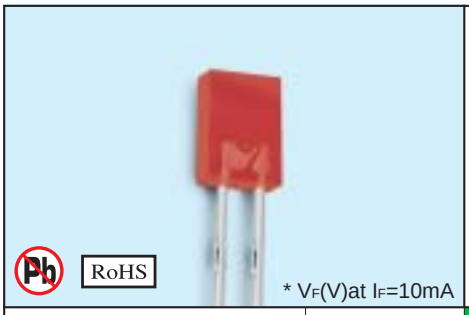
2x5mm Rectangular with Flange LED

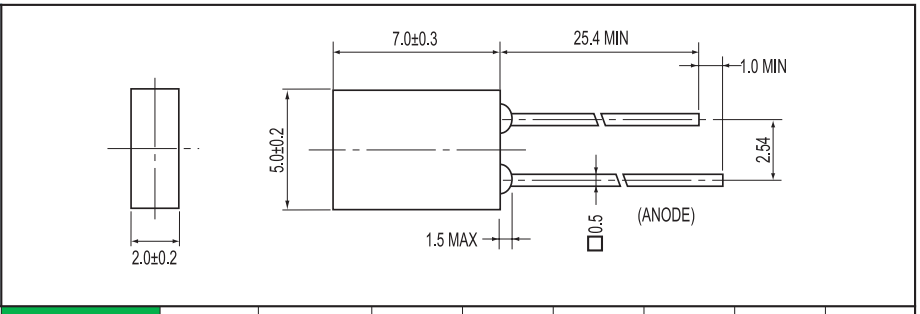




514GD	GaP	Green	570	Color Diff.	2.1	2.4	10	1.0	1.6	180
514YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.5	2.3	
514ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.63	1.25	
514HD*	GaP	Red	650		2.0	2.4		0.16	0.25	170

2x5mm Rectangular Flangeless LED





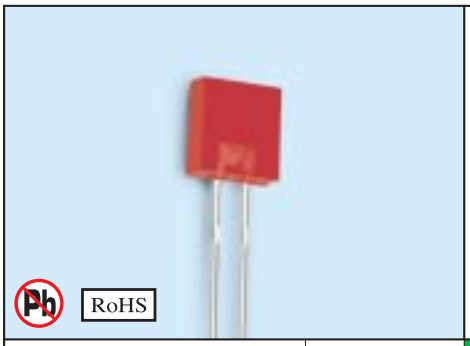
523GD	GaP	Green	570	Color Diff.	2.0	2.4	10	1.6	2.5	140
523YD	GaAsP/GaP	Yellow	590		2.0	2.4		1.0	1.6	150
523ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		1.0	1.6	150
523HD*	GaP	Red	650		2.0	2.4		0.2	0.4	140

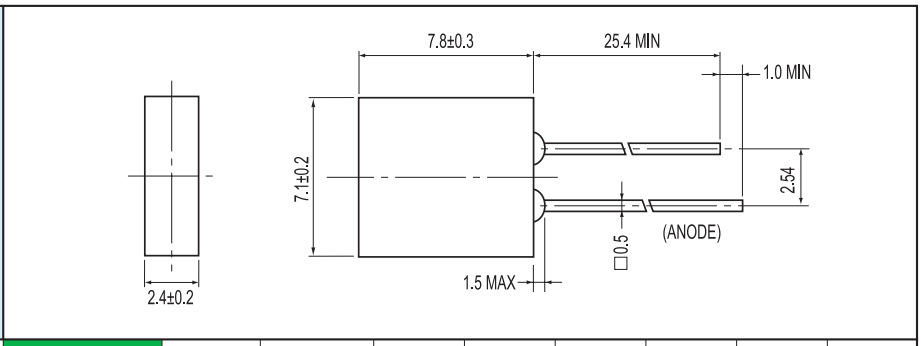
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

2.4x7.1mm Rectangular Flangeless LED

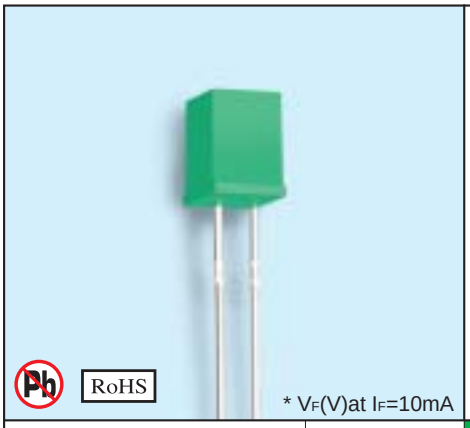
UNIT: mm

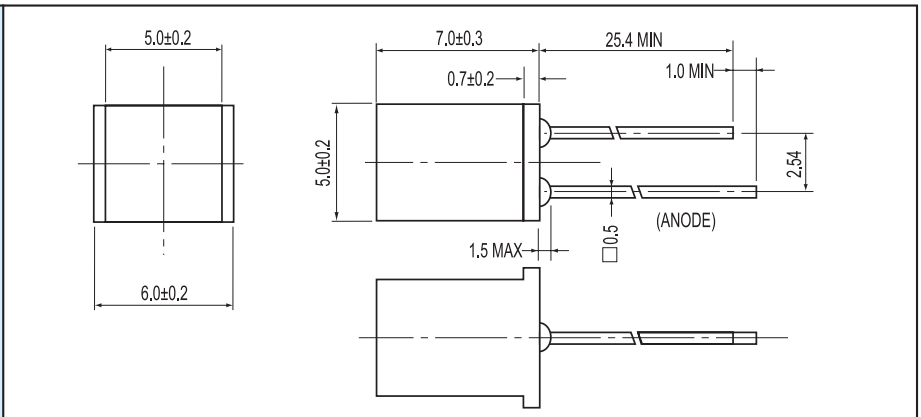




573GD	GaP	Green	570	Color Diff.	2.0	2.4	10	1.0	2.0	180
573YD	GaAsP/GaP	Yellow	590		2.0	2.4		1.0	2.5	
573ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.63	1.25	
573ED	GaAsP/GaP	Orange	625		2.0	2.4		0.63	1.25	

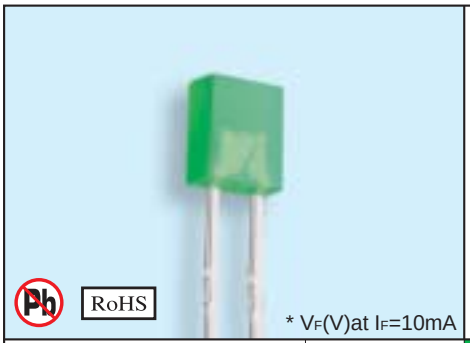
5x5mm Square Type LED

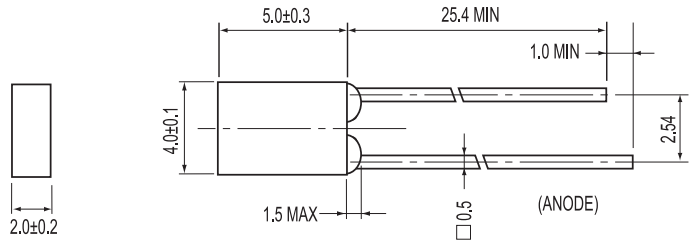




583GD	GaP	Green	570	Color Diff.	2.1	2.4	10	1.6	2.5	180
583YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.63	1.25	
583ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.63	1.25	
583HD*	GaP	Red	650		2.0	2.4		0.5	0.8	

2.0x4.0mm Rectangular LED





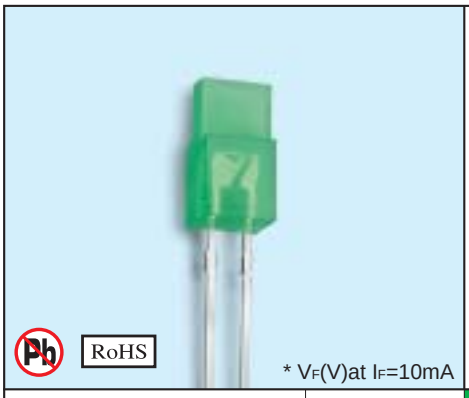
594GD	GaP	Green	570	Color Diff.	2.1	2.4	10	0.5	2.5	180
594YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.63	1.25	
594HD*	GaAsP/GaP	Red	650		2.0	2.4		0.2	0.4	

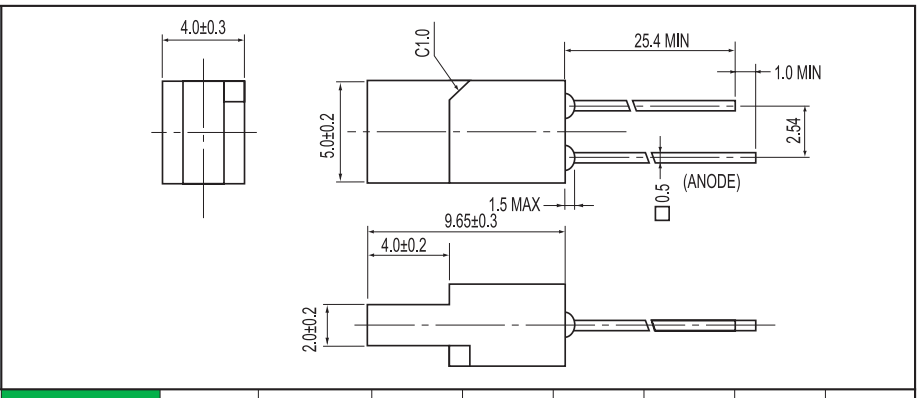
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

2x5mm Rectangular Type LED

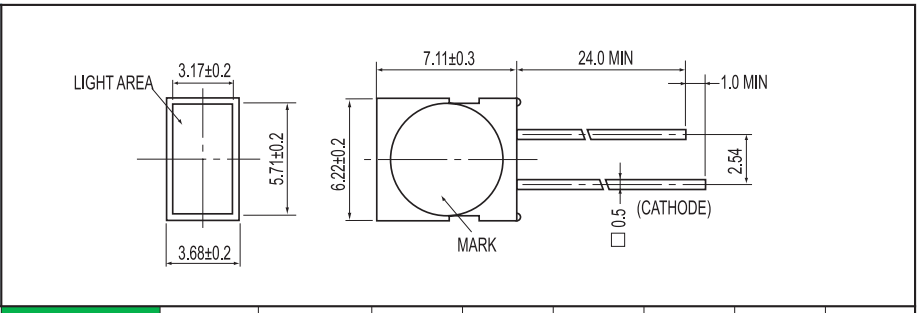
UNIT: mm





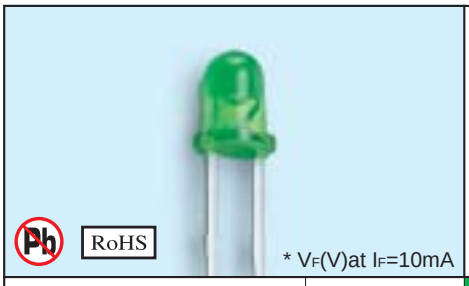
743GD	GaP	Green	570	Color Diff.	2.1	2.4	10	1.0	2.0	160
743YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.25	0.63	
743ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.25	0.63	
743HD*	GaP	Red	650		2.0	2.4		0.3	0.7	

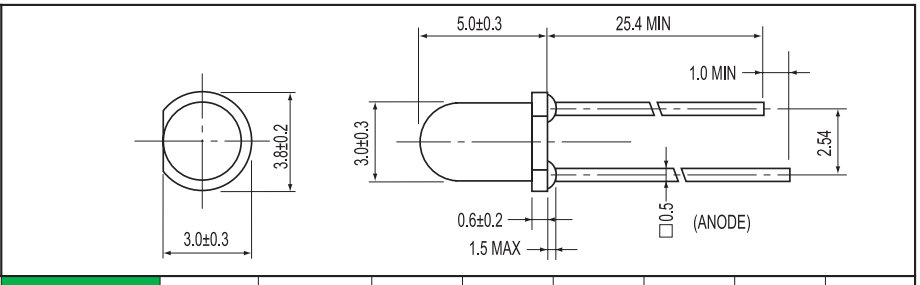
3.8x6.3mm Rectangular Legend with White Reflector LED



1003GD	GaP	Green	570	Color Diff.	2.1	2.4	10	1.0	4.0	100
1003YD	GaAsP/GaP	Yellow	590		2.0	2.4		1.0	4.0	
1003ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		1.0	4.0	

3mm Round High Efficiency LED, T-1





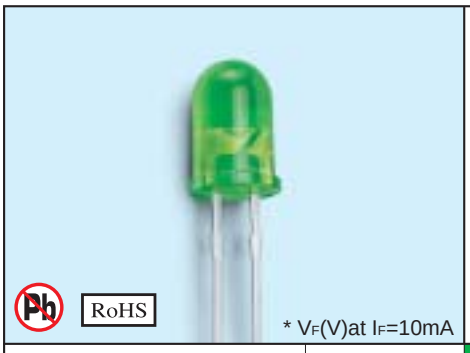
1254GD	GaP	Green	570	Color Diff.	2.1	2.4	10	10	16	40
1254YD	GaAsP/GaP	Yellow	590		2.0	2.4		10	16	
1254HD*	GaP	Red	650		2.0	2.4		0.63	1.6	
1254GT	GaP	Green	570	Color Trans.	2.1	2.4	10	16	40	30
1254YT	GaAsP/GaP	Yellow	590		2.0	2.4		16	25	
1254IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		16	25	
1254HT*	GaP	Red	650		2.0	2.4		1.6	2.5	

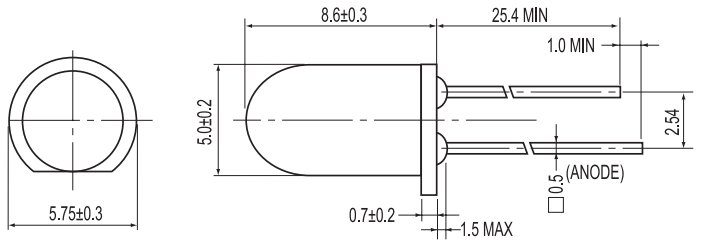
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round High Efficiency LED, T-1 3/4

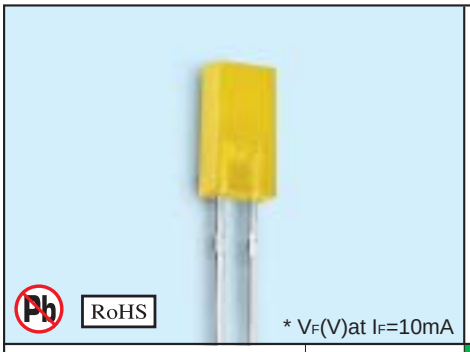
UNIT: mm

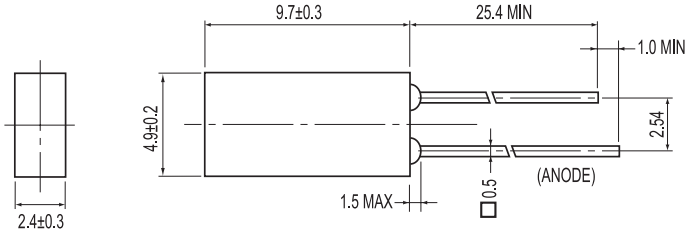




1383GD	GaP	Green	570	Color Diff.	2.1	2.4	10	25	40	40
1383YD	GaAsP/GaP	Yellow	590		2.0	2.4		25	50	
1383ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		25	40	
1383ED	GaAsP/GaP	Orange	625		2.0	2.4		25	40	
1383HD*	GaP	Red	650		2.0	2.4		2.0	4.0	
1383GT	GaP	Green	570	Color Trans.	2.0	2.4	10	63	100	20
1383YT	GaAsP/GaP	Yellow	590		2.0	2.4		40	80	
1383IT	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		40	63	

2.4x5mm Rectangular LED

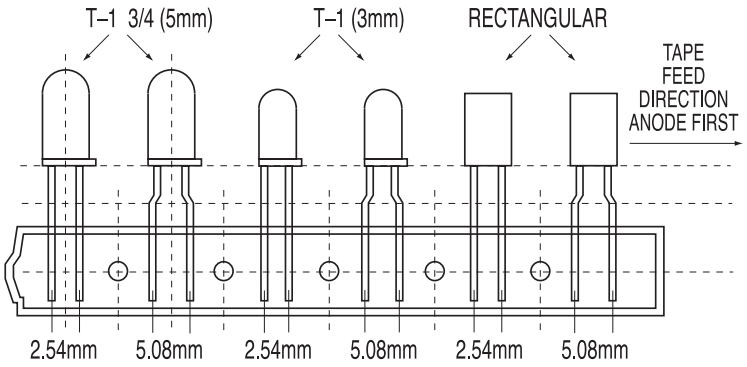




1533GD	GaP	Green	570	Color Diff.	2.1	2.4	10	0.63	1.8	130
1533YD	GaAsP/GaP	Yellow	590		2.0	2.4		0.63	1.8	
1533ID	GaAsP/GaP	HI-Elf Red	625		2.0	2.4		0.4	1.8	
1533HD*	GaP	Red	650		2.0	2.4		0.25	0.4	

All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

CONFIGURATIONS



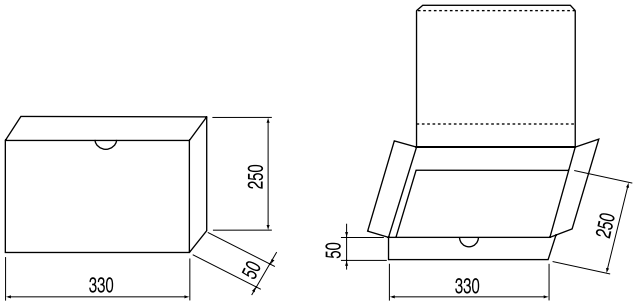
PACKAGING

	T-1 (3mm)	T-1 3/4 (5mm)	RECTANGULAR
QTY PER AMMO-PACK	2500 PCS	2000 PCS	2500 PCS
QTY PER REEL	2000 PCS	1000 PCS	2000 PCS

	QTY PER INNER BOX	QTY PER CARTON
QTY PER AMMO-PACK	1 REELS	10 INNER BOXES
QTY PER REEL	2 REELS	5 INNER BOXES

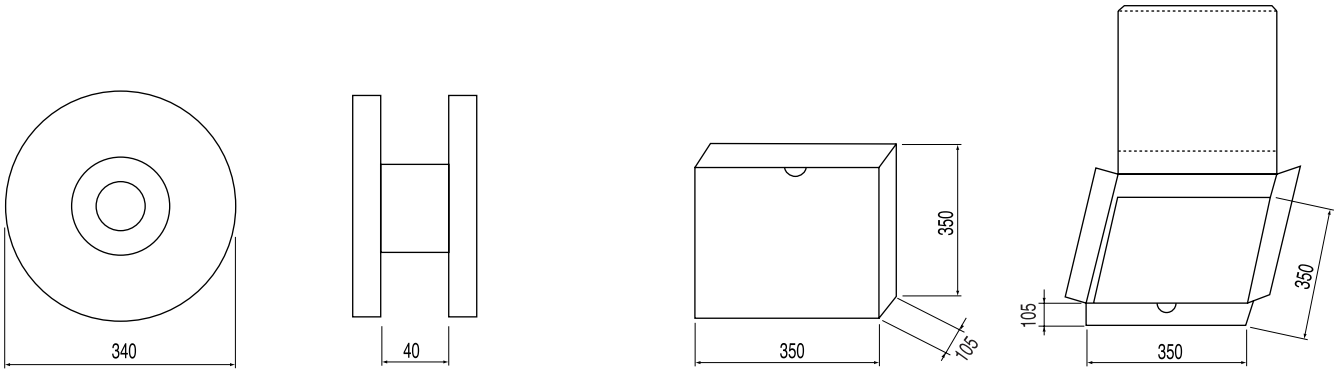
INNER BOX for AMMO-PACK

DIMENSIONS : 330x250x50mm, ±5mm



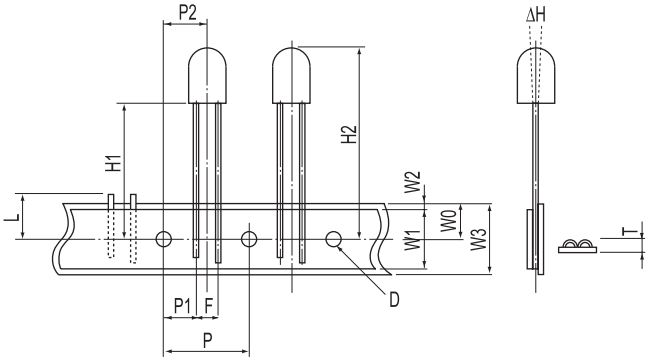
INNER BOX for REEL

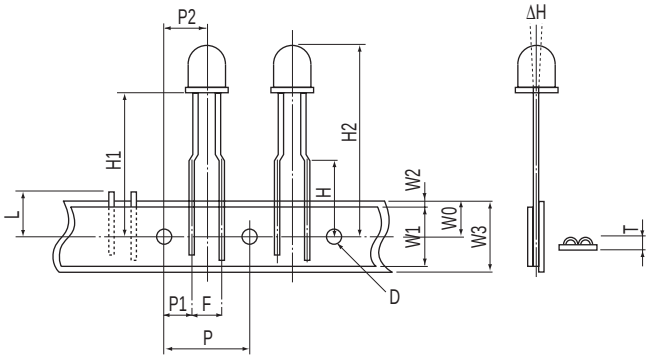
A. DIMENSIONS : 340x40mm B. DIMENSIONS : 350x350x105mm, ±5mm



PACKAGE DIMENSIONS & TOLERANCES

TR1 TR2





UNIT: mm

	TR1	TR2	TOLERANCES
D	4.0		±0.2
F	2.54	5.08	±0.3(2.54) / $^{+0.8}_{-0.2}$ (5.08)
H	16		±1
Δ H	2.0 Max		
L	11		
P	12.7		±0.3
P1	5.1	3.81	±0.7
P2	6.3		±1.2
T	1.42 Max		
W0	9.0		±0.5
W1	13		±0.5
W2	4.0 Max		
W3	18		±0.75

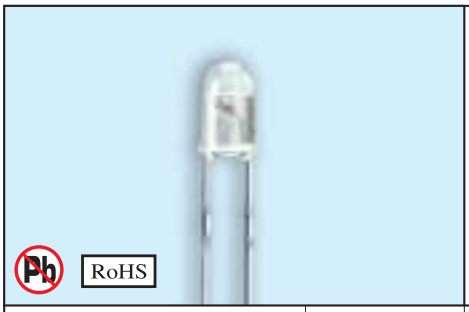
NOTE:
H1 & H2 WILL VARY WITH DIFFERENT PACKAGES

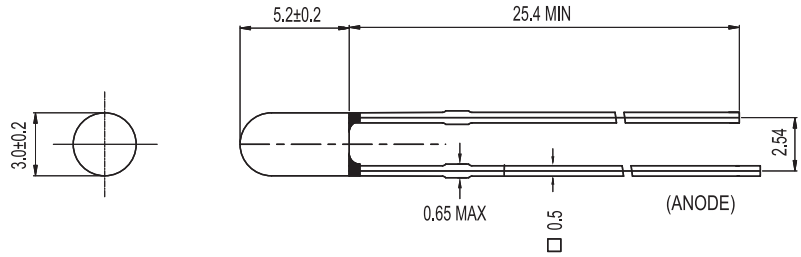
Example: 333ID/TR1(A)
333ID/TR1(R)
"A" indicates for AMMO-PACK
"R" indicates for REEL

Part Number	Chip		Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Chromaticity Coordinate Typ(x,y)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Round, T-1

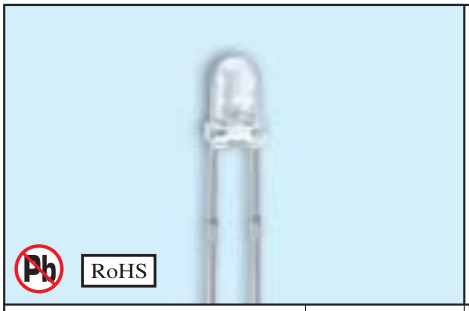
UNIT: mm

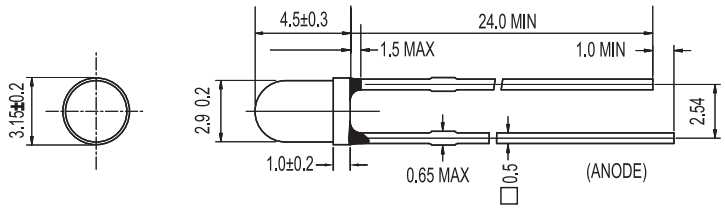




234-15UWC/H0/S400-X9	InGaN	x=0.29	y=0.28	Water Clear	3.5	4.0	20	1425	2250	50

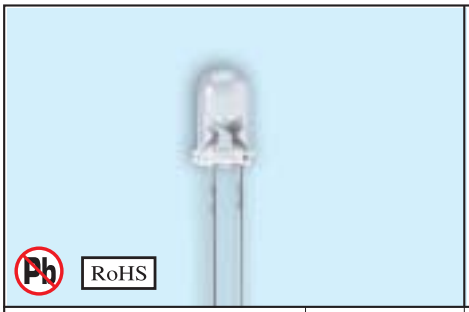
3mm Round, T-1

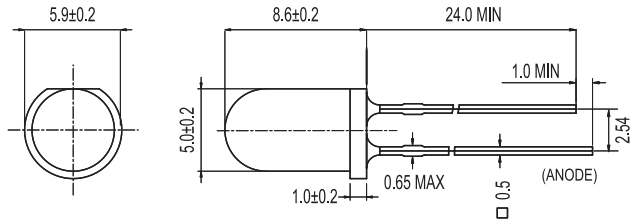




264-15UWC/S400-A6	InGaN	x=0.29	y=0.28	Water Clear	3.5	4.0	20	1125	1800	40
264-15UWC/S400-X9	InGaN	x=0.29	y=0.28		3.5	4.0		1800	2300	

5mm Round, T-1 3/4



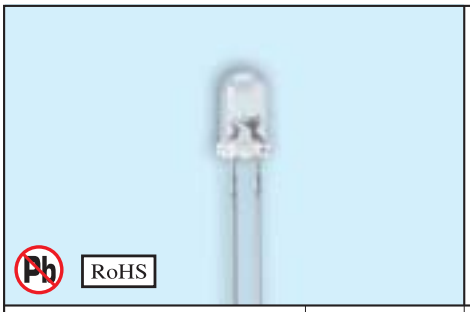


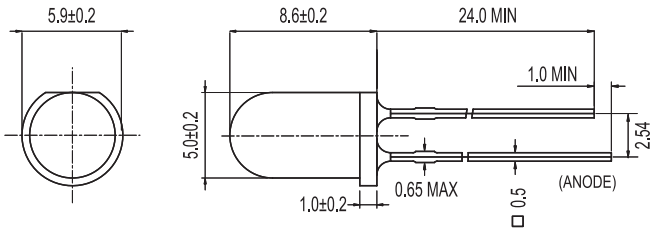
334-15/W2C1-1SUB	InGaN	x=0.29	y=0.28	Water Clear	3.5	4.0	20	5650	8000	15
334-15/W2C1-1UWB	InGaN	x=0.29	y=0.28		3.5	4.0		9000	13000	
334-15/W2C2-1SUB	InGaN	x=0.29	y=0.28		3.5	4.0		5650	7000	20
334-15/W2C2-1TVB	InGaN	x=0.29	y=0.28		3.5	4.0		7150	10000	
334-15/W2C3-1QSB	InGaN	x=0.29	y=0.28		3.5	4.0		3600	5000	30
334-15/W2C3-1RTB	InGaN	x=0.29	y=0.28		3.5	4.0		4500	7500	
334-15/W2C5-1MQB	InGaN	x=0.29	y=0.28		3.5	4.0		1800	3000	50

Part Number	Chip		Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Chromaticity Coordinate Typ(x,y)		Typ.	Max.	at I_F= mA	Min.	Typ.	

Warm White Series

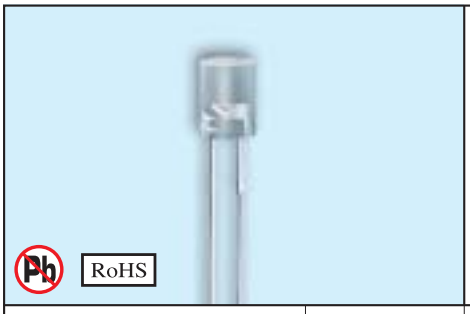
UNIT: mm

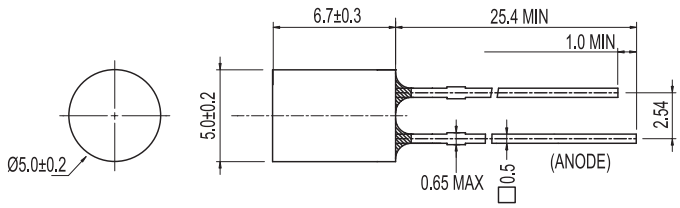




334-15/X2C1-1SUB	InGaN	x=0.41	y=0.39	Water Clear	3.5	4.0	20	9000	13000	15
334-15/X2C5-1PSB	InGaN	x=0.41	y=0.39		3.5	4.0		2850	4000	50

5mm Cylindrical Shape



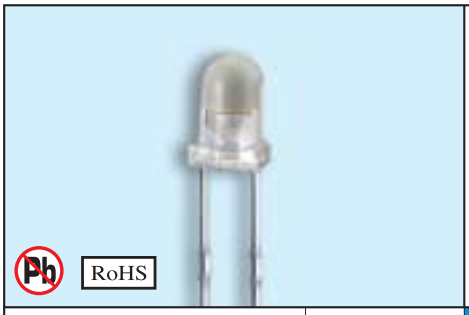


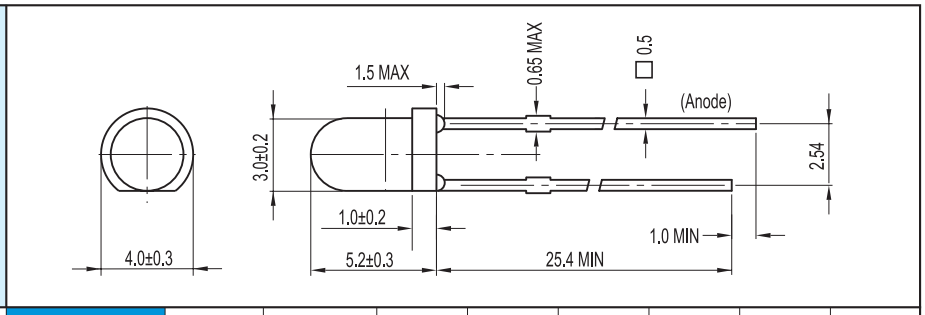
423-2AUWC/S400-X10	InGaN	x=0.29	y=0.28	Water Clear	3.5	4.0	20	285	385	95

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Round, T-1

UNIT: mm



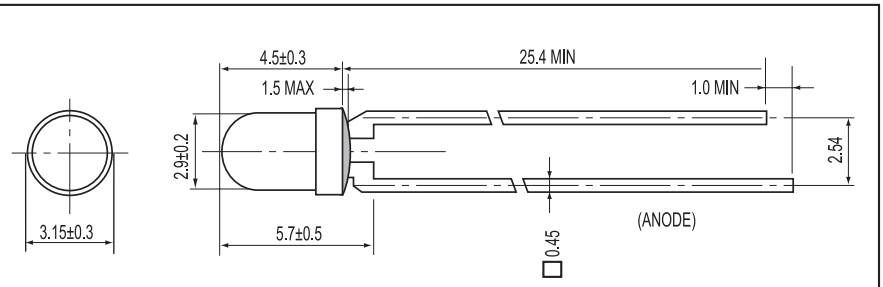


204-10SUBC/C470/S400-A4	InGaN	SuperBlue	470	Water Clear	3.5	4.0	20	400	800	20
204-10SUBC/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		500	1000	
204-10SUBC/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		630	1250	
204-10UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		1250	2000	
204-10UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		1600	2500	
204-10UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		2000	3200	
204-10SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		2500	3500	
204-10SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		3200	5000	
204/Y2C2-ARVB	AlGaInP	Super Yellow	589		2.0	2.6		5650	8000	30
204-10UYC/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		250	400	
204-10UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		320	500	
204-10UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		400	630	
204-10UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		500	800	
204-10UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		630	1000	
204-10UYC/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		800	1250	
204-10UYC/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		1000	1600	
204-10USOC/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		250	400	
204-10USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		320	500	
204-10USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		400	630	
204-10USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		500	800	
204-10USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		630	1000	
204-10USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		800	1250	
204-10USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		1000	1600	
204/A2C2-APUB	AlGaInP	Super Sunset Orange	615		2.0	2.6		3600	6000	20
204-10SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		250	400	30
204-10SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		320	500	
204-10SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		400	630	
204-10SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		500	800	
204-10SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		630	1000	
204-10SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		800	1250	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Round, T-1

UNIT: mm

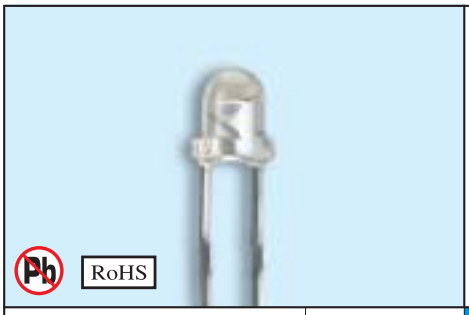


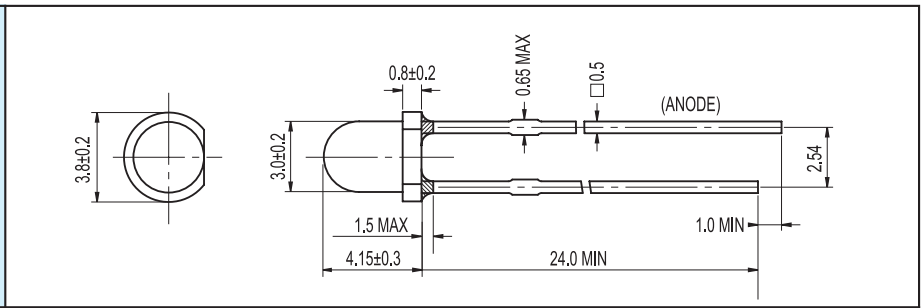
264-7SUBC/C470/S400-A4	InGaN	SuperBlue	470	Water Clear	3.5	4.0	20	320	500	25
264-7SUBC/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		400	630	
264-7SUBC/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		500	800	
264-7UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		1000	1600	
264-7UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		1250	2000	
264-7UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		1600	2500	
264-7SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		1600	2500	
264-7SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		2000	3200	
264-7UYC/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		125	200	40
264-7UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		160	250	
264-7UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		200	320	
264-7UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		250	400	
264-7UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		320	500	
264-7UYC/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		400	630	
264-7UYC/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		500	800	
264-7USOC/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		125	200	
264-7USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		160	250	
264-7USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		200	320	
264-7USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		250	400	
264-7USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		320	500	
264-7USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		400	630	
264-7USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		500	800	
264-7SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		125	200	
264-7SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		160	250	
264-7SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		200	320	
264-7SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		250	400	
264-7SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		320	500	
264-7SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		400	630	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Round, T-1

UNIT: mm



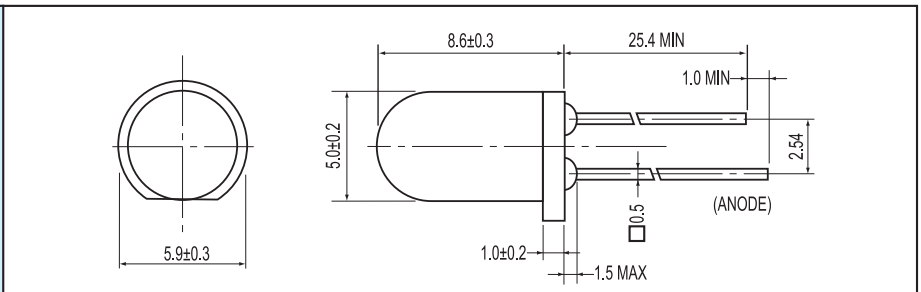


3294-15SUBC/S400-A4	InGaN	SuperBlue	470		3.5	4.0		125	200	
3294-15SUBC/S400-A5	InGaN	SuperBlue	470		3.5	4.0		160	250	
3294-15SUBC/S400-A6	InGaN	SuperBlue	470		3.5	4.0		200	320	
3294-15SUBC/S400-A7	InGaN	SuperBlue	470		3.5	4.0		250	400	
3294-15UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		500	800	45
3294-15UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		630	1000	
3294-15UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		800	1250	
3294-15SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		500	800	
3294-15SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		630	1000	
3294-15SUGC/S400-A6	InGaN	SuperGreen	525		3.5	4.0		800	1250	
3294-15UYC/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		40	63	
3294-15UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		50	80	
3294-15UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		63	100	
3294-15UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		80	125	
3294-15UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		100	160	
3294-15UYC/S400-A8	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	125	200	
3294-15UYC/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		160	250	
3294-15USOC/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		40	63	
3294-15USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		50	80	
3294-15USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		63	100	
3294-15USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		80	125	90
3294-15USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		100	160	
3294-15USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		125	200	
3294-15USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		160	250	
3294-15SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		40	63	
3294-15SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		50	80	
3294-15SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		63	100	
3294-15SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		80	125	
3294-15SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		100	160	
3294-15SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		125	200	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round, T-1 3/4

UNIT: mm

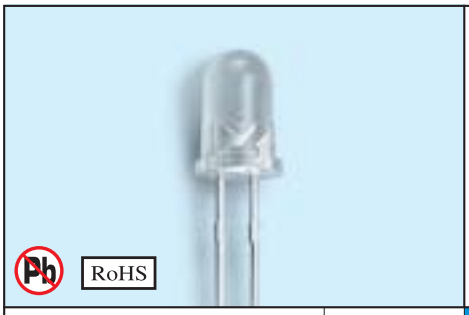


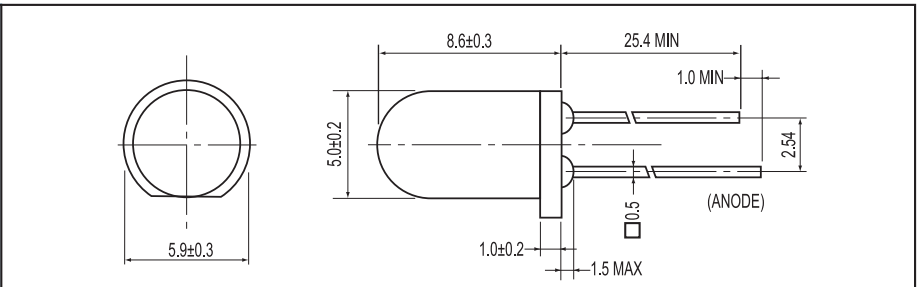
333-2SUBC/C470/S400-A4	InGaN	SuperBlue	470		3.5	4.0		1000	1600	
333-2SUBC/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		1250	2000	
333-2SUBC/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		1600	2500	
333-2UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		2500	4000	
333-2UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		3200	5000	
333-2UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		4000	6300	
333-2SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		6300	10000	
333-2SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		8000	12500	
333-2UYC/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		1000	1600	
333-2UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		1250	2000	
333-2UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		1600	2500	
333-2UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		2000	3200	
333-2UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		2500	4000	
333-2UYC/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		3200	5000	
333-2UYC/S400-A9	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4		4000	6300	
333/Y2C0-AUYB	AlGaInP	Super Yellow	589		2.0	2.6	20	6300	10000	10
333-2USOC/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		1000	1600	
333-2USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		1250	2000	
333-2USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		1600	2500	
333-2USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		2000	3200	
333-2USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		2500	4000	
333-2USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		3200	5000	
333-2USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		4000	6300	
333/A2C1-AUYB	AlGaInP	Super Sunset Orange	615		2.0	2.6		6300	10000	
333-2SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		1000	1600	
333-2SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		1250	2000	
333-2SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		1600	2500	
333-2SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		2000	3200	
333-2SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		2500	4000	
333-2SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		3200	5000	
333/R2C1-ATWB	AlGaInP	Hyper Red	624		2.0	2.6		4000	6300	
333/R2C1-AUXB	AlGaInP	Hyper Red	624		2.0	2.6		4800	8000	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round, T-1 3/4

UNIT: mm



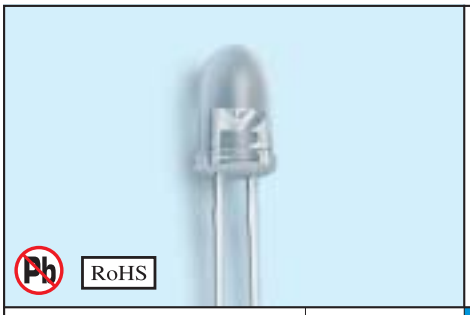


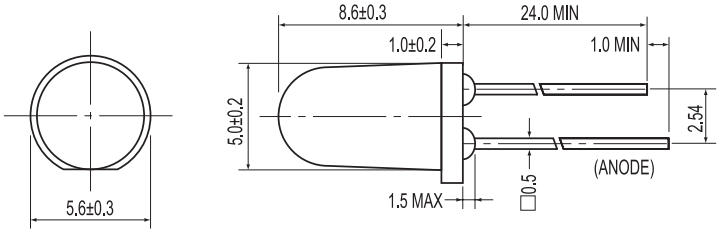
333-2SUBC/H3/C470/S400-A4	InGaN	SuperBlue	470		3.5	4.0		800	1250	
333-2SUBC/H3/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		1000	1600	
333-2SUBC/H3/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		1250	2000	
333-2SUBC/H3/C470/S400-X10	InGaN	SuperBlue	470		3.5	4.0		2250	3000	
333-2UBGC/H3/S400-A4	InGaN	Bluish Green	505		3.5	4.0		2000	3200	
333-2UBGC/H3/S400-A5	InGaN	Bluish Green	505		3.5	4.0		2500	4000	
333-2UBGC/H3/S400-A6	InGaN	Bluish Green	505		3.5	4.0		3200	5000	
333-2SUGC/H3/S400-A4	InGaN	SuperGreen	525		3.5	4.0		3200	5000	
333-2SUGC/H3/S400-A5	InGaN	SuperGreen	525		3.5	4.0		4000	6300	
333-2SUGC/H3/S400-X6	InGaN	SuperGreen	525		3.5	4.0		7150	10000	
333-2UYC/H3/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		800	1250	
333-2UYC/H3/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		1000	1600	
333-2UYC/H3/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		1250	2000	
333-2UYC/H3/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		1600	2500	
333-2UYC/H3/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		2000	3200	
333-2UYC/H3/S400-A8	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	2500	4000	15
333-2UYC/H3/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		3200	5000	
333/Y2C1-ASWB	AlGaInP	Super Yellow	589		2.0	2.6		5000	8000	
333-2USOC/H3/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		800	1250	
333-2USOC/H3/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		1000	1600	
333-2USOC/H3/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		1250	2000	
333-2USOC/H3/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		1600	2500	
333-2USOC/H3/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		2000	3200	
333-2USOC/H3/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		2500	4000	
333-2USOC/H3/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		3200	5000	
333/A2C1-ASWB	AlGaInP	Super Sunset Orange	615		2.0	2.6		5000	8000	
333-2SURC/H3/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		800	1250	
333-2SURC/H3/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		1000	1600	
333-2SURC/H3/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		1250	2000	
333-2SURC/H3/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		1600	2500	
333-2SURC/H3/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		2000	3200	
333-2SURC/H3/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		2500	4000	
333/R2C1-AQUB	AlGaInP	Hyper Red	624		2.0	2.6		3200	5000	
333/R2C1-ARVB	AlGaInP	Hyper Red	624		2.0	2.6		4500	7000	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round, T-1 3/4

UNIT: mm



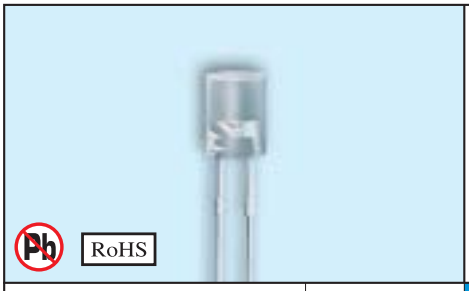


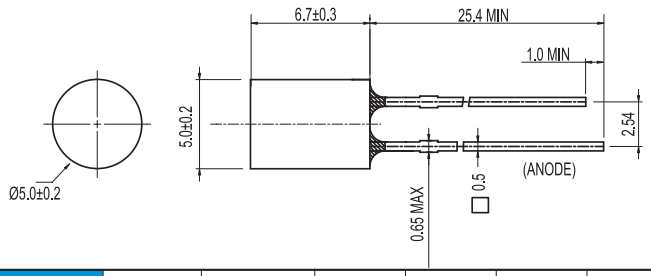
383-2SUBC/C470/S400-A4	InGaN	SuperBlue	470	Water Clear	3.5	4.0	20	1250	2000	6
383-2SUBC/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		1600	2500	
383-2SUBC/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		2000	3200	
383-2UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		3200	5000	
383-2UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		4000	6300	
383-2UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		5000	8000	
383-2SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		2500	4000	
383-2SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		3200	5000	
383-2UYC/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4		3200	5000	
383-2UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		4000	6300	
383-2UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		5000	8000	
383-2UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		6300	10000	
383-2UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		8000	12500	
383-2UYC/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		10000	16000	
383-2UYC/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		12500	20000	
383-2USOC/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		3200	5000	
383-2USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		4000	6300	
383-2USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		5000	8000	
383-2USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		6300	10000	
383-2USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		8000	12500	
383-2USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		10000	16000	
383-2USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		12500	20000	
383-2SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		2000	3200	
383-2SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		2500	4000	
383-2SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		3200	5000	
383-2SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		4000	6300	
383-2SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		5000	8000	
383-2SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		6300	10000	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Backlighting Wide Angle LED, T-1 3/4

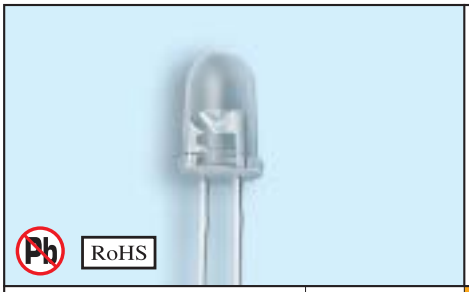
UNIT: mm

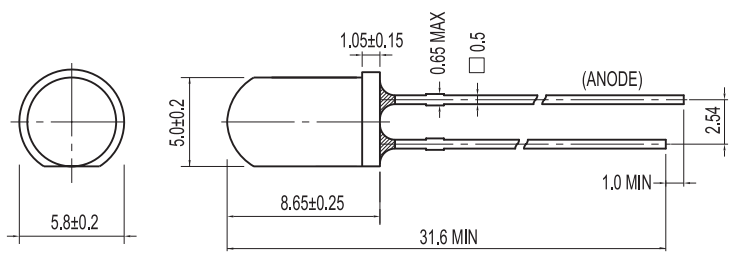




423-2ASUBC/S400-A6	InGaN	Super Blue	470	Water Clear	3.5	4.0	20	85	120	85
423-2ASUGC/S400-A6	InGaN	SuperGreen	525		3.5	4.0		450	565	
423-2ASURC/S400-A8	InGaN	Hyper Red	624		2.0	2.4		140	200	

5mm Round, T-1 3/4



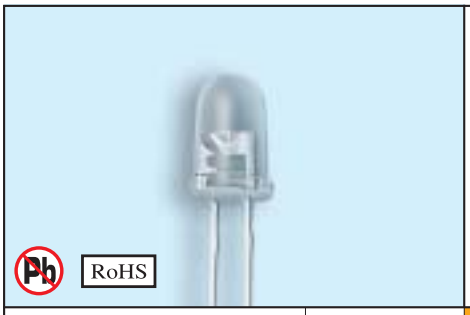


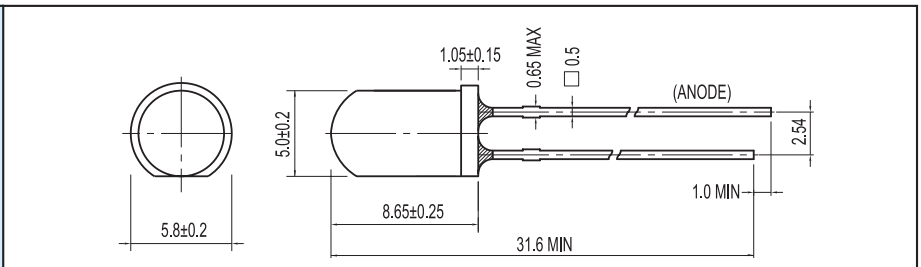
7343-2UYC/S530-A3	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	500	800	25
7343-2UYC/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		630	1000	
7343-2UYC/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		800	1250	
7343-2UYC/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		1000	1600	
7343-2UYC/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		1250	2000	
7343-2UYC/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		1600	2500	
7343-2UYC/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		1640	2500	
7343/Y2C2-ASVB	AlGaInP	Super Yellow	589		2.0	2.6		3600	5000	
7343-2USOC/S530-A3	AlGaInP	Super Yellow	615		2.0	2.4		500	800	
7343-2USOC/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		630	1000	
7343-2USOC/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		800	1250	
7343-2USOC/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		1000	1600	
7343-2USOC/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		1250	2000	
7343-2USOC/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		1600	2500	
7343-2USOC/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		2000	3200	
7343-2SURC/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		500	800	
7343-2SURC/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		630	1000	
7343-2SURC/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		800	1250	
7343-2SURC/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		1000	1600	
7343-2SURC/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		1250	2000	
7343-2SURC/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		1640	2500	
7343-2SURC/S400-A9	AlGaInP	Hyper Red	624		2.0	2.4		1800	2500	
7343/R2C2-AQTB	AlGaInP	Hyper Red	624		2.0	2.6		2850	4000	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round, T-1 3/4

UNIT: mm



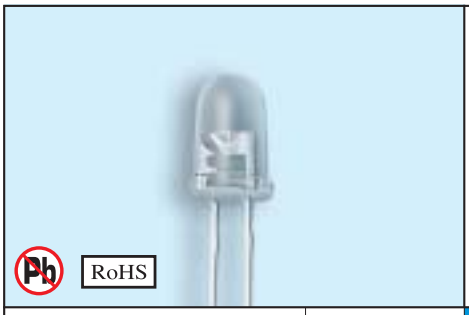


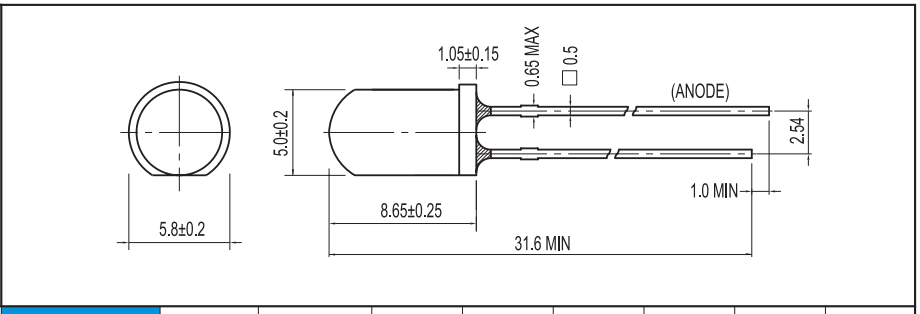
7343-2UYC/H2/S530-A3	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	400	630	30
7343-2UYC/H2/S530-A4	AlGaInP	Super Yellow	589		2.0	2.4		500	800	
7343-2UYC/H2/S530-A5	AlGaInP	Super Yellow	589		2.0	2.4		630	1000	
7343-2UYC/H2/S400-A6	AlGaInP	Super Yellow	589		2.0	2.4		800	1250	
7343-2UYC/H2/S400-A7	AlGaInP	Super Yellow	589		2.0	2.4		1000	1600	
7343-2UYC/H2/S400-A8	AlGaInP	Super Yellow	589		2.0	2.4		1250	2000	
7343-2UYC/H2/S400-A9	AlGaInP	Super Yellow	589		2.0	2.4		1600	2500	
7343UYC/S1060	AlGaInP	Super Yellow	589		2.0	2.4		1600	2500	
7343-2USOC/H2/S530-A3	AlGaInP	Super Sunset Orange	615		2.0	2.4		400	630	
7343-2USOC/H2/S530-A4	AlGaInP	Super Sunset Orange	615		2.0	2.4		500	800	
7343-2USOC/H2/S530-A5	AlGaInP	Super Sunset Orange	615		2.0	2.4		630	1000	
7343-2USOC/H2/S400-A6	AlGaInP	Super Sunset Orange	615		2.0	2.4		800	1250	
7343-2USOC/H2/S400-A7	AlGaInP	Super Sunset Orange	615		2.0	2.4		1000	1600	
7343-2USOC/H2/S400-A8	AlGaInP	Super Sunset Orange	615		2.0	2.4		1250	2000	
7343-2USOC/H2/S400-A9	AlGaInP	Super Sunset Orange	615		2.0	2.4		1600	2500	
7343-2SURC/H2/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		400	630	
7343-2SURC/H2/S530-A4	AlGaInP	Hyper Red	624		2.0	2.4		500	800	
7343-2SURC/H2/S530-A5	AlGaInP	Hyper Red	624		2.0	2.4		630	1000	
7343-2SURC/H2/S400-A6	AlGaInP	Hyper Red	624		2.0	2.4		800	1250	
7343-2SURC/H2/S400-A7	AlGaInP	Hyper Red	624		2.0	2.4		1000	1600	
7343-2SURC/H2/S400-A8	AlGaInP	Hyper Red	624		2.0	2.4		1250	2500	
7343USRC/S1060	AlGaInP	Hyper Red	631		2.0	2.6		2500	4000	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Round, T-1 3/4

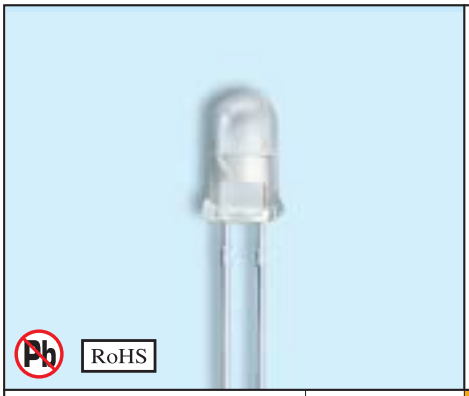
UNIT: mm

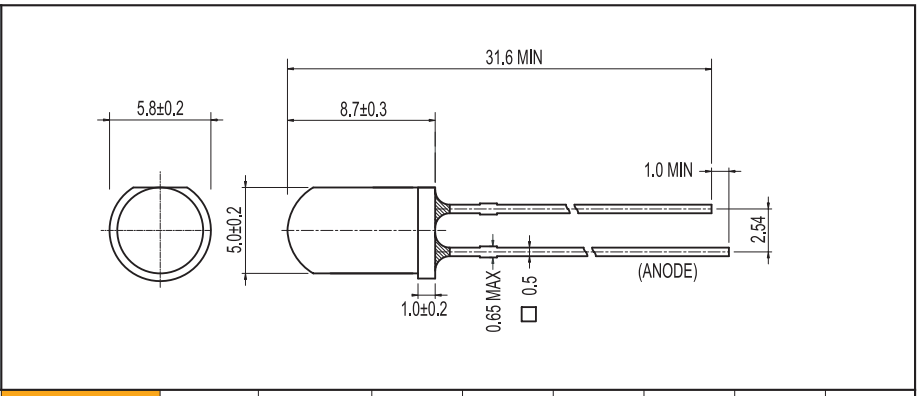




7344-15SUBC/C470/S400-A4	InGaN	SuperBlue	470	Water Clear	3.5	4.0	20	500	800	30
7344-15SUBC/C470/S400-A5	InGaN	SuperBlue	470		3.5	4.0		630	1000	
7344-15SUBC/C470/S400-A6	InGaN	SuperBlue	470		3.5	4.0		800	1250	
7344-15SUBC/S400-X10	InGaN	SuperBlue	470		3.5	4.0		1450	2250	
7344-15UBGC/S400-A4	InGaN	Bluish Green	505		3.5	4.0		1600	2500	
7344-15UBGC/S400-A5	InGaN	Bluish Green	505		3.5	4.0		2000	3200	
7344-15UBGC/S400-X9	InGaN	Bluish Green	505		3.5	4.0		3600	5650	
7344-15UBGC/S400-A6	InGaN	Bluish Green	505		3.5	4.0		2500	4000	
7344-15SUGC/S400-A4	InGaN	SuperGreen	525		3.5	4.0		1600	2500	
7344-15SUGC/S400-A5	InGaN	SuperGreen	525		3.5	4.0		2000	3200	
7344-15SUGC/S400-X6	InGaN	SuperGreen	525		3.5	4.0		4500	5650	

5mm Round, T-1 3/4



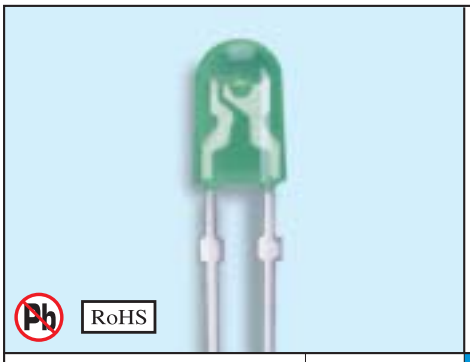


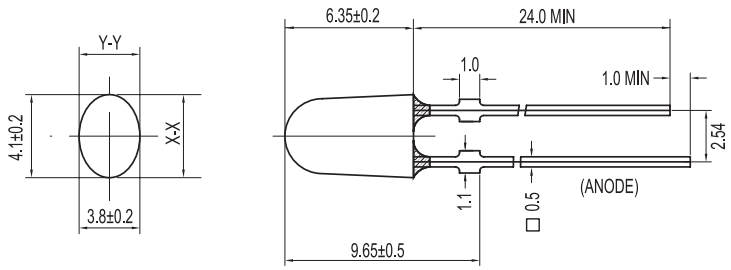
7383/Y2C3-AQTB	AlGaInP	Super Yellow	589	Water Clear	2.0	2.6	20	1800	2250	30
7383/A2C3-APSB	AlGaInP	Super Sunset Orange	615		2.0	2.6		2400	5000	
7383/R2C3-AMQB	AlGaInP	Hyper Red	624		2.0	2.6		2850	4500	

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

4.1x3.0mm Elliptical Wide Angle LED

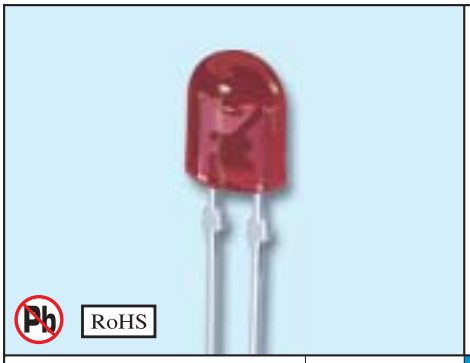
UNIT: mm

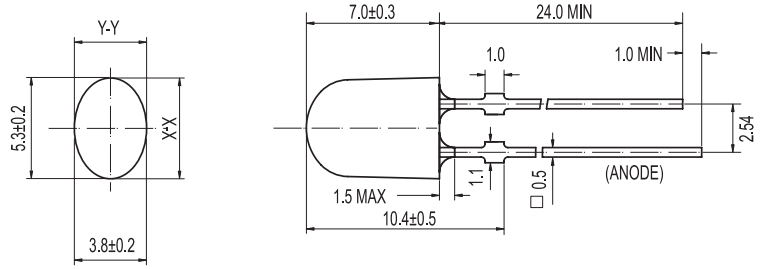




3464SUBD/MS	InGaN/SiC	Super Blue	470	Blue Diff.	3.7	4.3	20	240	300	110/50
3464SUGD/MS	InGaN/SiC	Super Green	527	Green Diff.	3.7	4.3		715	900	
3464UYD/S400-A9/MS	AlGaInP	Super Yellow	590	Yellow Diff.	2.0	2.4		360	450	
3464SURD/S400-A8/MS	AlGaInP	Hyper Red	624	Red Diff.	2.0	2.4		285	360	
3464USRD/MS	AlGaInP	Red	629	Red Diff.	2.2	2.7		450	715	

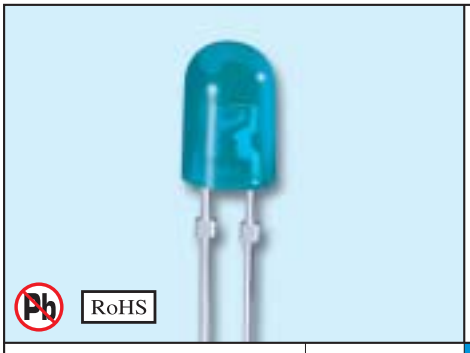
5.3x3.8mm Elliptical Wide Angle LED

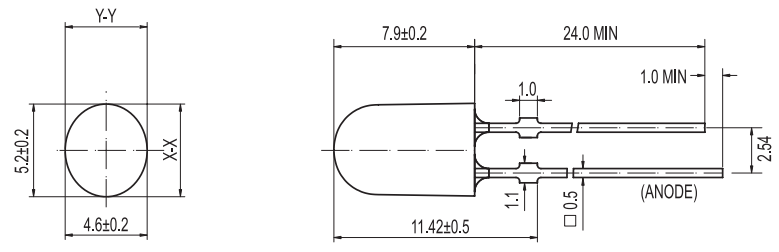




5474SUBD/S463	InGaN	Super Blue	470	Blue Diff.	3.0	4.0	20	240	400	110/40
5474SUGD/S463	InGaN	Super Green	525	Green Diff.	3.0	4.0		600	1200	
5483/Y8DC-AJLB/MS	AlGaInP	Super Yellow	589	Yellow Diff.	2.0	2.6		715	900	
5483/R8DC-AJLB/MS	AlGaInP	Hyper Red	624	Red Diff.	2.0	2.6		715	900	

5.2x4.6mm Elliptical Wide Angle LED



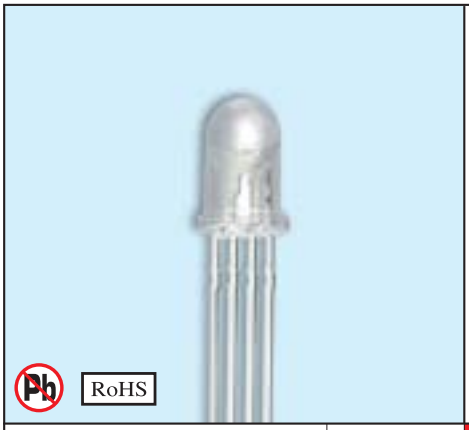


6364SUBC/S463	InGaN	Super Blue	470	Blue Diff	3.0	4.0	20	300	565	70/40
6364SUGC/S463	InGaN	Super Green	525	Grean Diff	3.0	4.0		760	1425	
6374/Y2DA-AKMB	AlGaInP	Super Yellow	589	Yellow Diff.	2.0	2.6		1125	1800	
6374/R2DA-AJLB	AlGaInP	Hyper Red	624	Red Diff.	2.0	2.6		900	1425	

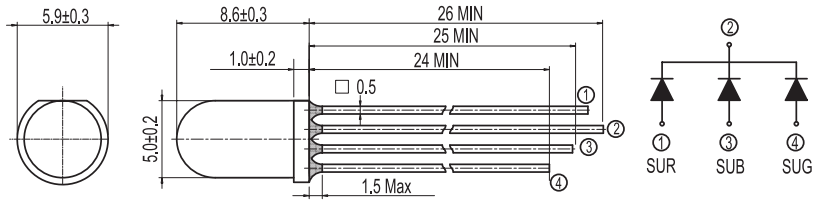
Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	
339-9SUGSURSUBC/S400-A4A9X8	InGaN	SuperBlue	470	Water Clear	3.5	4.0		200	320	50
	InGaN	Super Green	525		3.5	4.0		630	1000	
	AlGaInP	Hyper Red	624		2.0	2.4		500	800	

5mm Round,T-1 3/4

UNIT: mm



RoHS

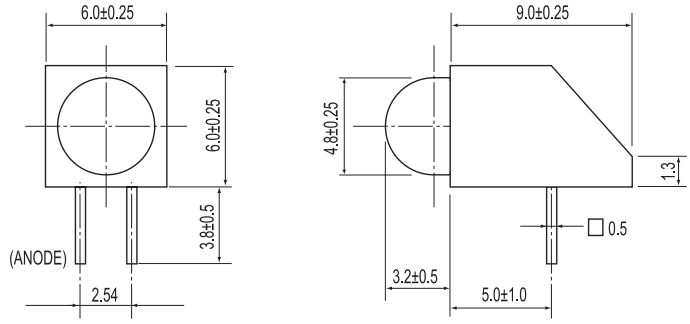


20

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

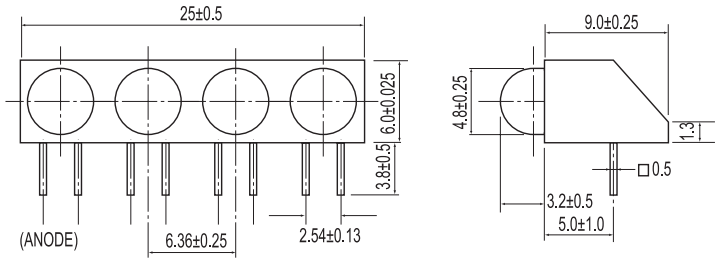
5mm Circuit Board Indicator, T-1 3/4

UNIT: mm



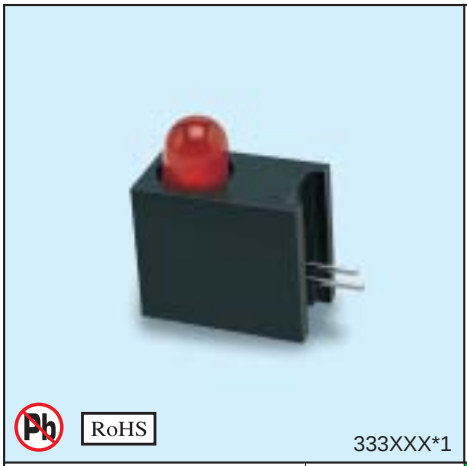
A93B/G	GaP	Green	570	Color Diff.	2.1	2.4	10	2.5	5.0	60
A93B/UY/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4	20	50	120	40
A93B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		40	100	

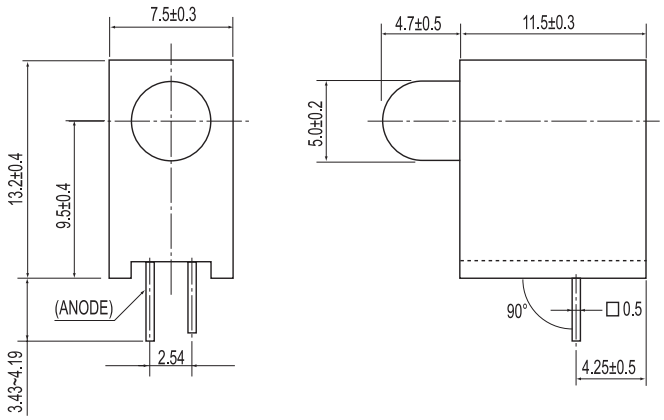
5mm 4Pcs Circuit Board Indicator, T-1 3/4



A93B/4G	GaP	Green	570	Color Diff.	2.1	2.4	10	2.5	5.0	60
A93B/4UY/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4	20	50	120	40
A93B/4SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		40	100	

5mm Circuit Board Indicator, T-1 3/4





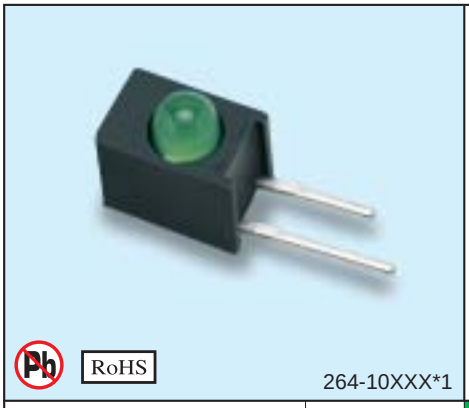
A203B/G	GaP	Green	570	Color Diff.	2.1	2.4	10	2.0	10	60
A203B/UY/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4	20	100	200	30
A203B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		100	200	

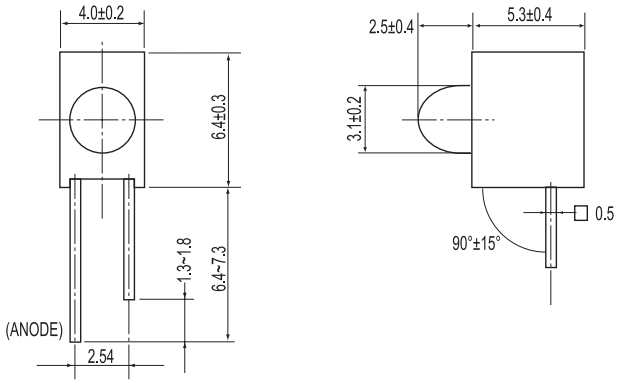
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Circuit Board Indicator, T-1 3/4

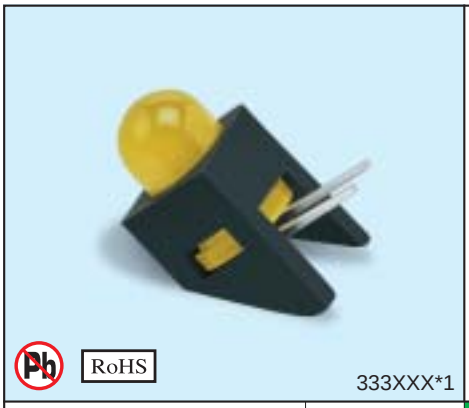
UNIT: mm

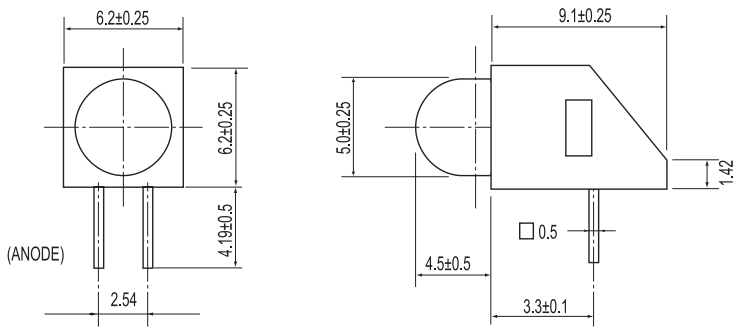




A214B/G	GaP	Green	570	Water Clear	2.1	2.4		5.0	10	
A214B/UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	50	100	60
A214B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		63	120	

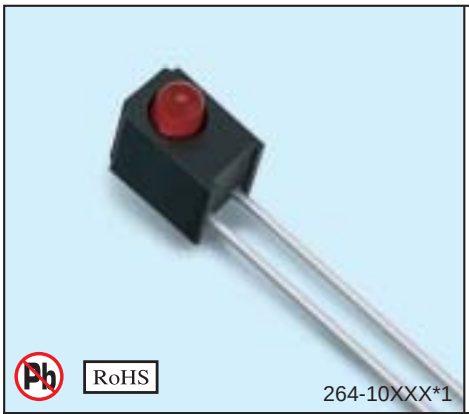
5mm Circuit Board Indicator, T-1 3/4

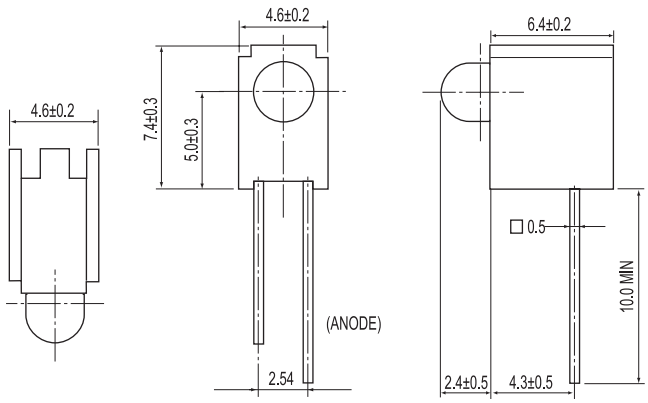




A253B/G	GaP	Green	570	Water Clear	2.1	2.4	10	2.0	10	60
A253B/UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	100	200	30
A253B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		100	200	

3mm Circuit Board Indicator, T-1 3/4





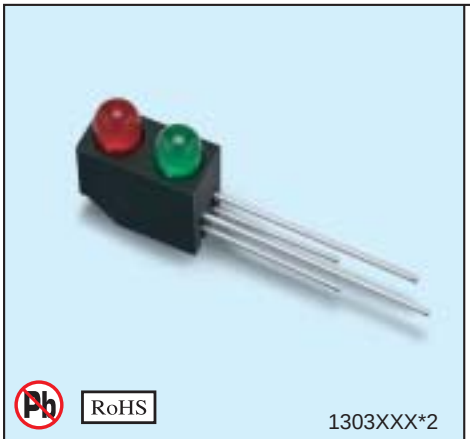
A264B/G	GaP	Green	570	Water Clear	2.1	2.4	10	2.5	10	
A264B/UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	50	100	60
A264B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		63	120	

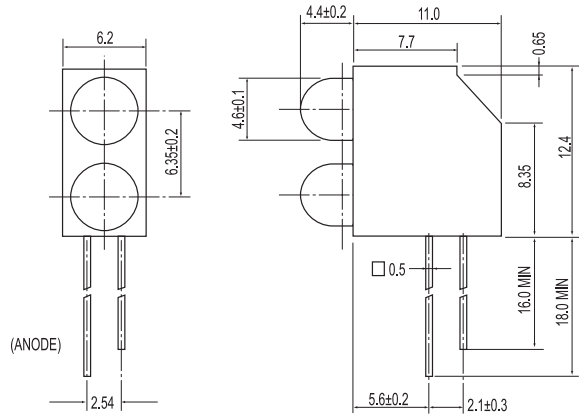
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

4.6mm 2Pcs Circuit Board Indicator, T-1 3/4

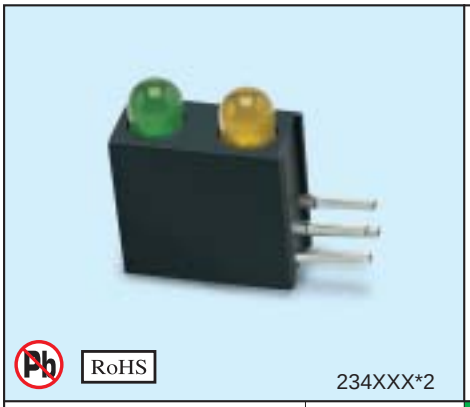
UNIT: mm

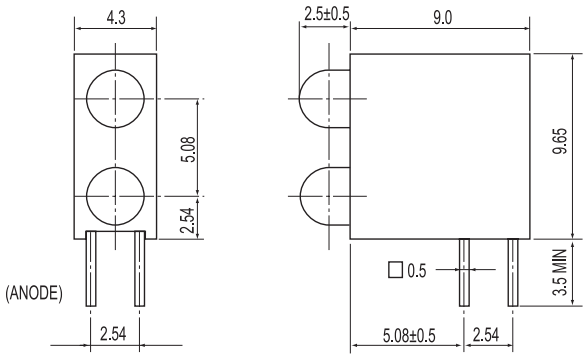




A593B/2UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	125	200	40
A593B/2SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		63	125	

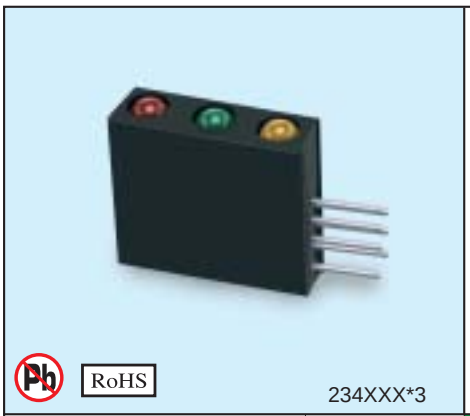
3mm 2Pcs Circuit Board Indicator, T-1

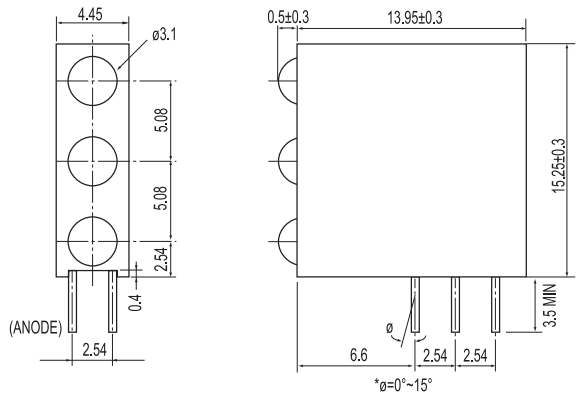




A694B/2G	GaP	Green	570	Water Clear	2.1	2.4	10	4.0	6.3	60
A694B/2UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	16	32	
A694B/2SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		10	25	

3mm 3Pcs Circuit Board Indicator, T-1





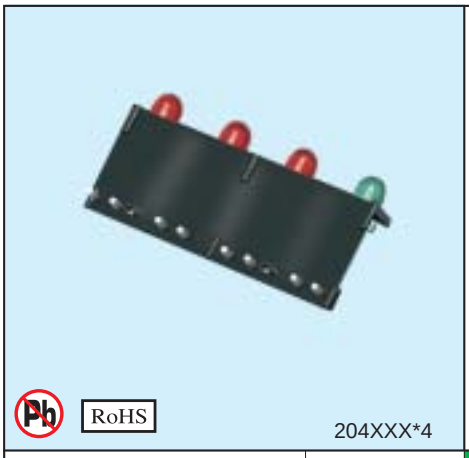
A764B/3G	GaP	Green	570	Water Clear	2.1	2.4	10	4.0	6.3	60
A764B/3UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	16	32	
A764B/3SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		10	25	

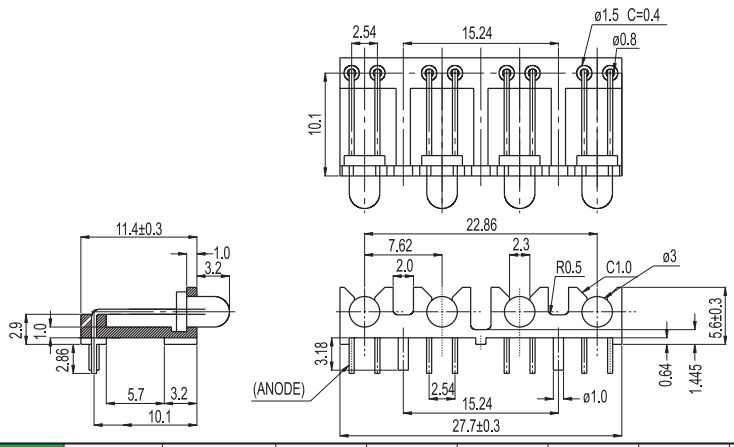
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Multi-LED Circuit Board Indicator, T-1

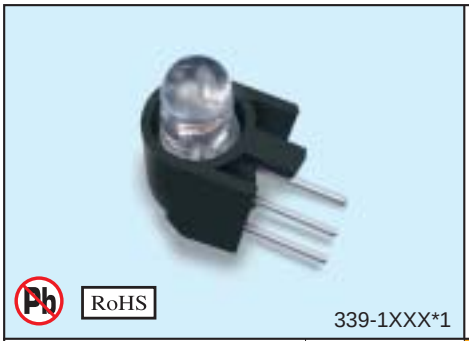
UNIT: mm

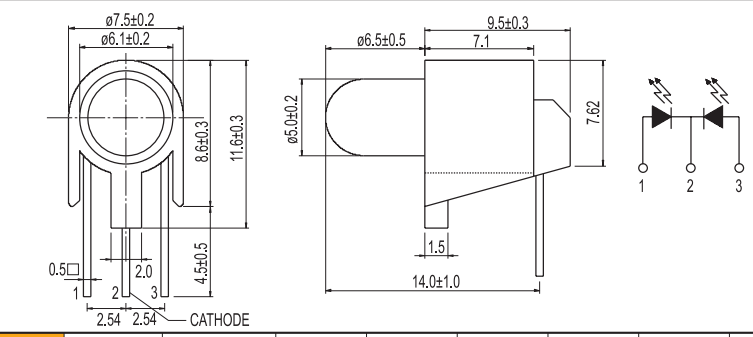




A804B/4G	GaP	Green	570	Color Diff.	2.1	2.4	10	4.0	6.3	60
A804B/4UY/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4	20	63	125	
A804B/4SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		63	100	

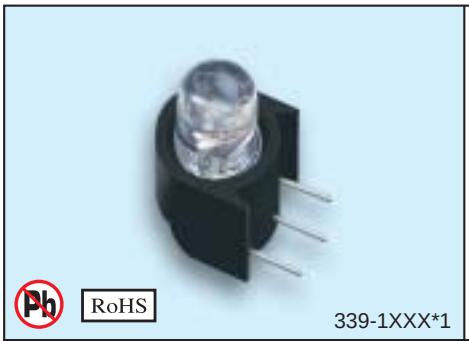
5mm Circuit Board Indicator, T-1 3/4

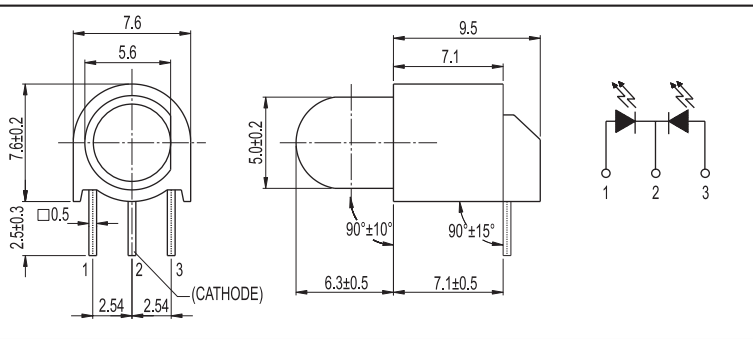




A1329-1B/UYUY/S530-A3	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	25	50	100
	AlGaInP	Super Yellow	589		2.0	2.4		25	50	
A1329-1B/SURSUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		25	50	
	AlGaInP	Hyper Red	624		2.0	2.4		25	50	

5mm Circuit Board Indicator, T-1 3/4





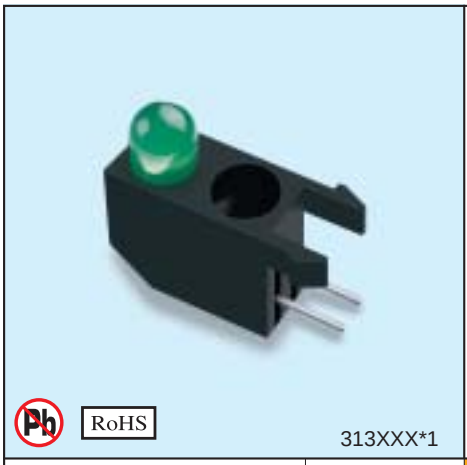
A1479-1B/UYUY/S530-A3	AlGaInP	Super Yellow	589	Water Clear	2.0	2.4	20	25	50	100
	AlGaInP	Super Yellow	589		2.0	2.4		25	50	
A1479-1B/SURSUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		25	50	
	AlGaInP	Hyper Red	624		2.0	2.4		25	50	

All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

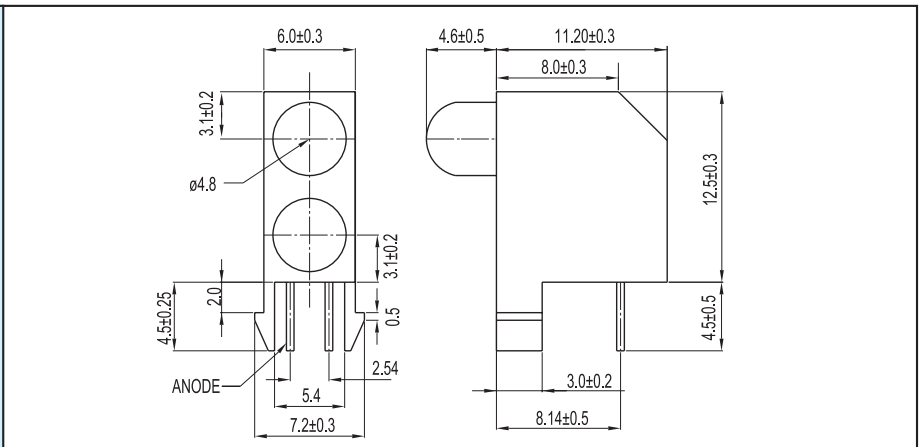
Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

4.8mm 2Pcs Circuit Board Indicator

UNIT: mm



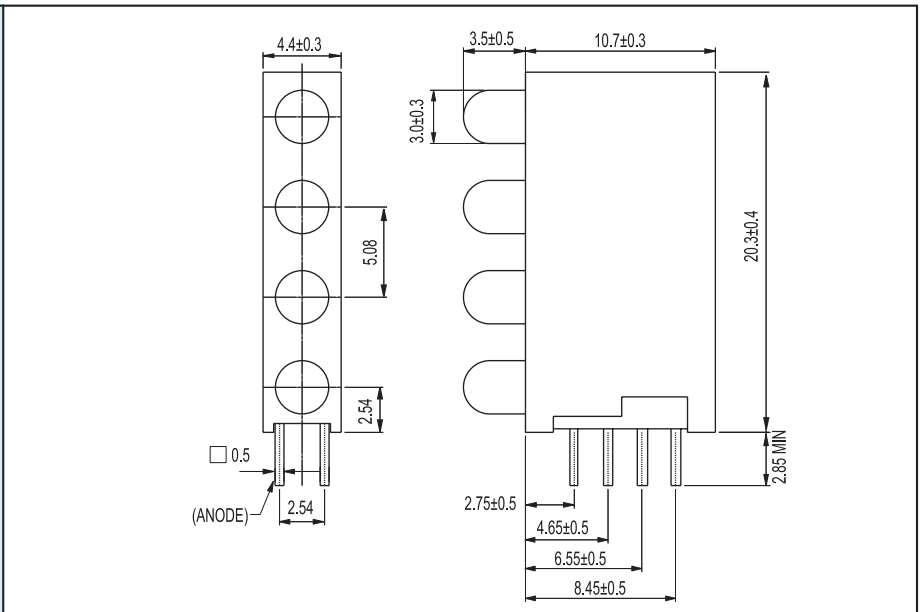
313XXX*1



A1643B/UY/S530-A3	AlGaInP	Super Yellow	589	Color Diff.	2.0	2.4	20	50	120	40
A1643B/SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		40	100	

3mm 4Pcs Circuit Board Indicator, T-1

264-10XXX*4



A1844B/4G	GaP	Green	570	White Diff.	2.1	2.4	10	2.5	10	60
A1844B/4UY/S530-A3	AlGaInP	Super Yellow	589		2.0	2.4	20	50	100	
A1844B/4SUR/S530-A3	AlGaInP	Hyper Red	624		2.0	2.4		40	63	

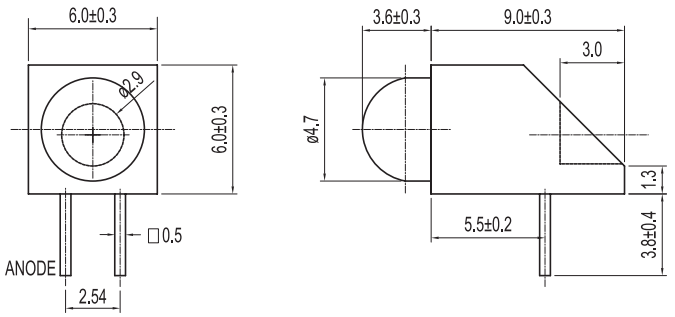
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

UNIT: mm

RoHS

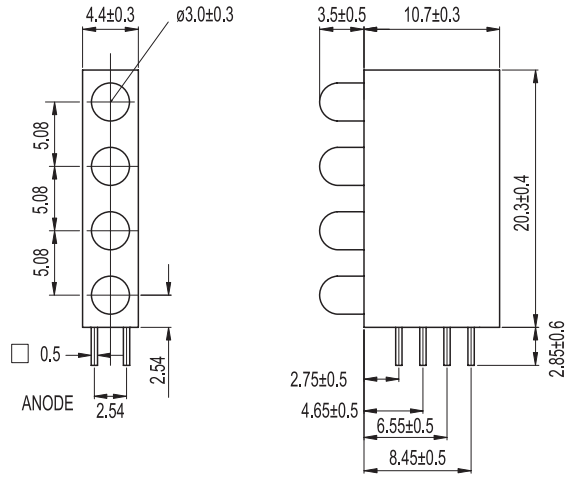
7363XXX*1



A2703B/G	GaP	Green	570	Green Diff.	2.1	2.4	20	2.5	5.0	60
A2703B/Y	GaAsP/GaP	Yellow	590	Yellow Diff.	2.0	2.4		2.5	5.0	
A2703B/H	GaP	Bright Red	650	Red Diff.	2.0	2.4		0.5	1.6	

RoHS

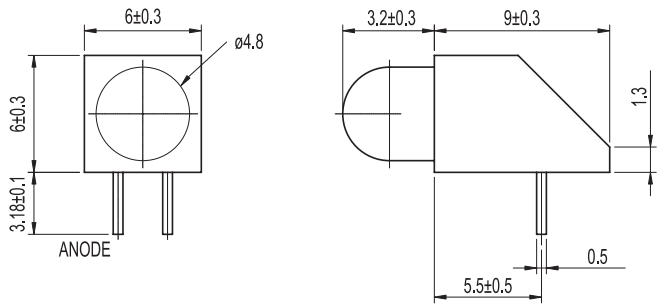
264XXXX*1



A2714B/SURW/S530-A3	AlGaInP	Hyper Red	624	White Diff.	2.0	2.4	20	40	63	60

RoHS

7363XXX*1

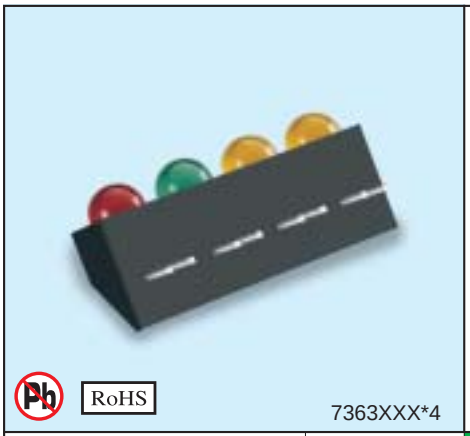


A2753B/VR	GaAsP/GaP	Hyper Red	624	Red Diff.	2.0	2.4	20	25	40	20
A2753B/VR-I1	GaAsP/GaP	Hyper Red	624	Red Diff.	20	2.4	20	25	40	

All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

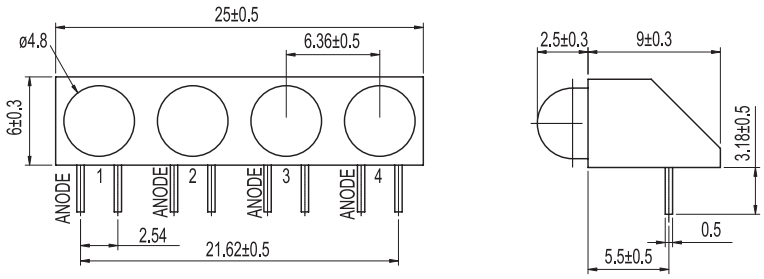
Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

UNIT: mm

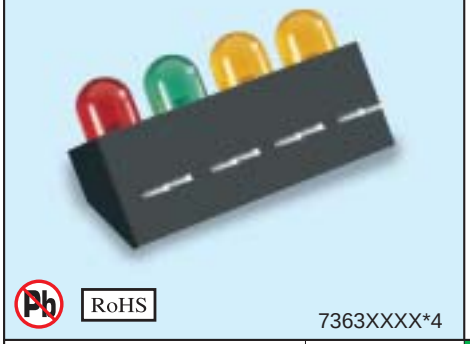


RoHS

7363XXX*4

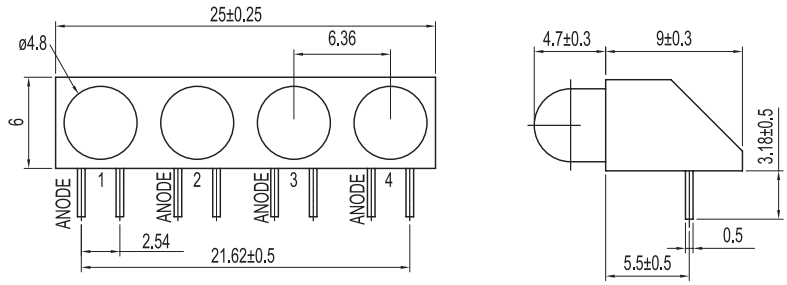


A2763B/VRVG2VY	GaP	Green	570	Green Diff.	2.1	2.4	20	25	40	60
	GaAsP/GaP	Yellow	590	Yellow Diff.	2.0	2.4	20	25	40	
	GaAsP/GaP	Hi-Eff Red	625	Red Diff.	2.0	2.4	20	25	25	



RoHS

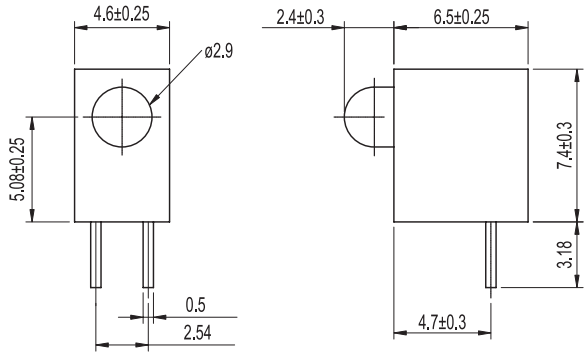
7363XXXX*4



A2763B/VRVG2VY-I1	GaP	Green	570	Green Diff.	2.1	2.4	20	25	40	60
	GaAsP/GaP	Yellow	590	Yellow Diff.	2.0	2.4	20	25	40	
	GaAsP/GaP	Hi-Eff Red	625	Red Diff.	2.0	2.4	20	25	25	

RoHS

7363XXX*1



A2774B/VG	GaP	Green	571	Green Diff.	2.1	2.4	20	16	25	60

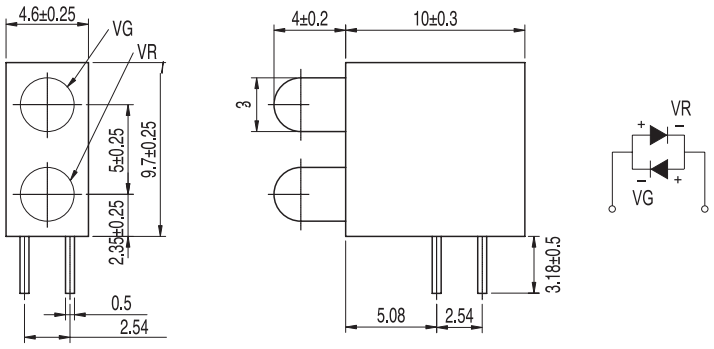
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

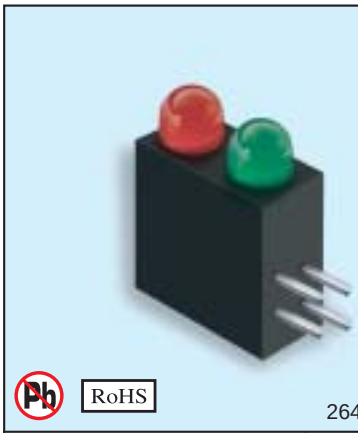
UNIT: mm

RoHS

4204-2XXX*2

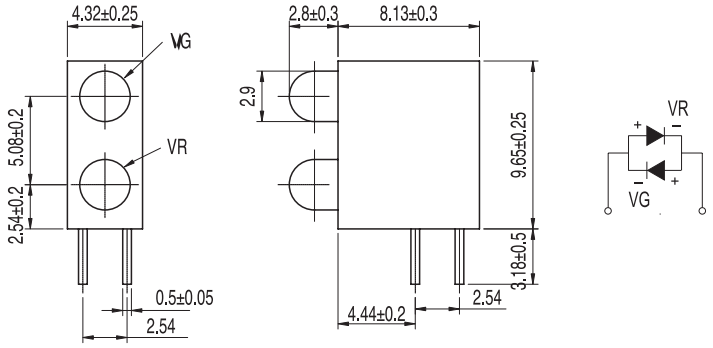


A2784B/VGVRW	GaP	Green	571	White Diff.	2.1	2.4	20	4.0	6.3	60
	GaAsP/GaP	Hi-Eff Red	625		2.0	2.4	20	4.0	6.3	



RoHS

264-2XXX*2



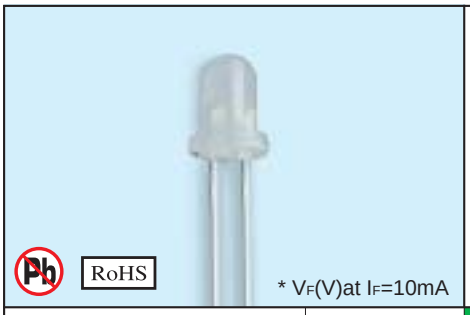
A2794B/VGVR	GaP	Green	571	Green Diff.	2.1	2.4	20	10	25	60
	GaAsP/GaP	Hi-Eff Red	625	Red Diff.	2.0	2.4	20	10	25	

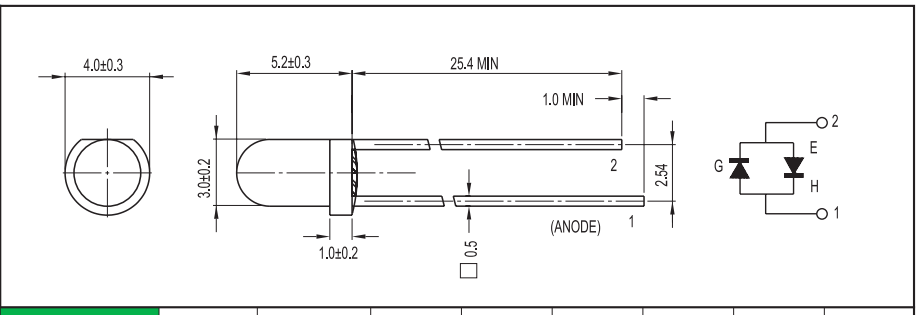
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

3mm Bi-Color(Multi-Color) without Common Polarity LED, T-1

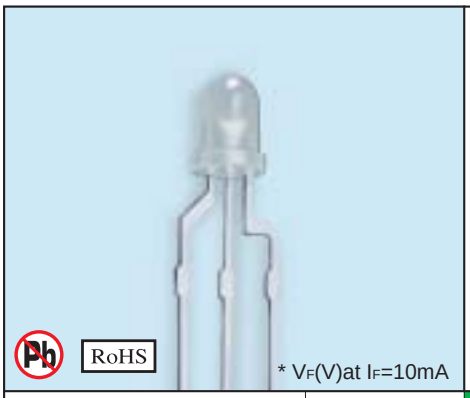
UNIT: mm

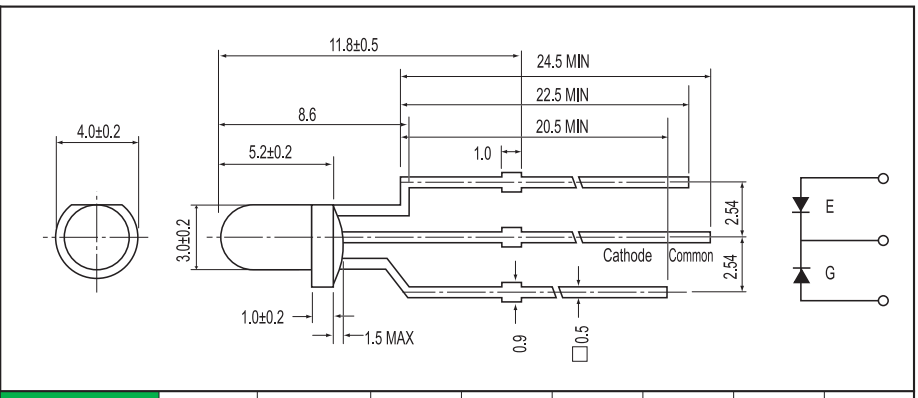




204EGW	GaP	Green	570	White Diff.	2.1	2.4	10	1.1	4.5	75
	GaAsP/GaP	Orange	625		2.0	2.4		1.1	4.5	
204HGW*	GaP	Green	570		2.1	2.4		1.1	4.5	
	GaP	Red	650		2.0	2.4		0.4	1.0	

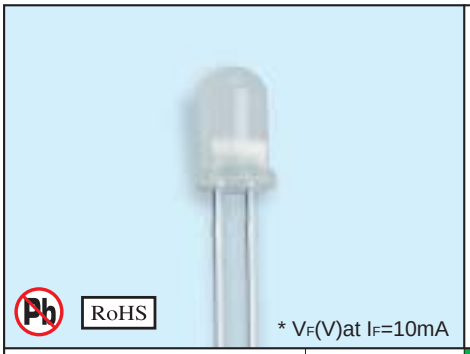
3mm Bi-Color(Multi-Color) with Common Cathode (0.1" Lead Pitch) LED, T-1

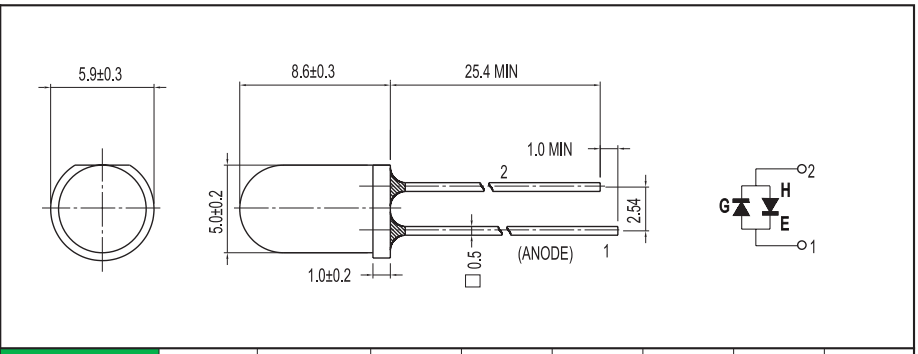




209EGW	GaP	Green	570	White Diff.	2.1	2.4	10	1	2	70
	GaAsP/GaP	Orange	625		2.0	2.4		0.4	0.8	
209HGW*	GaP	Green	570		2.1	2.4		2.5	3.5	70
	GaP	Red	650		2.0	2.4		1.5	2.5	

5mm Bi-Color(Multi-Color) without Common Polarity LED, T-1 3/4





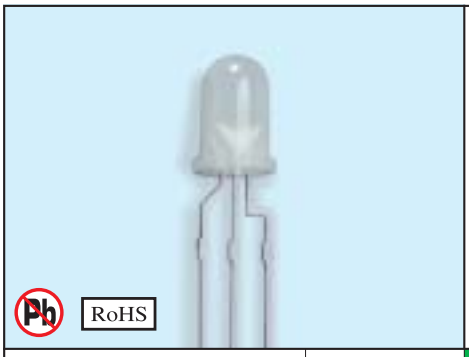
336EGW	GaP	Green	570	White Diff.	2.1	2.4	10	0.63	2.5	54
	GaAsP/GaP	Orange	625		2.0	2.4		0.63	2.5	
336HGW*	GaP	Green	570		2.1	2.4		0.7	2.5	45
	GaP	Red	625		2.0	2.4		0.4	1.1	

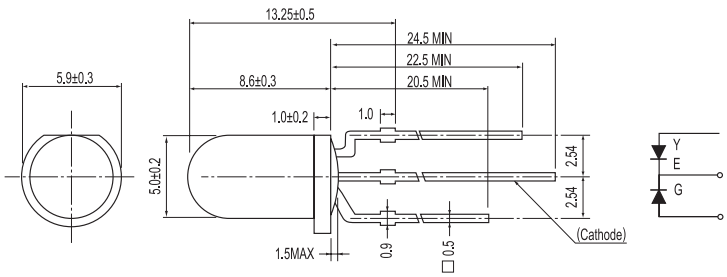
All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.

Part Number EL-xxxx	Chip			Lens Color	V_F (V) at I_F = 20mA		I_V (mcd)			Viewing Angle 2θ 1/2
	Material	Emitted Color	λ_D (nm)		Typ.	Max.	at I_F= mA	Min.	Typ.	

5mm Bi-Color(Multi-Color) with Common Cathode (0.1" Lead Pitch) LED, T-1 3/4

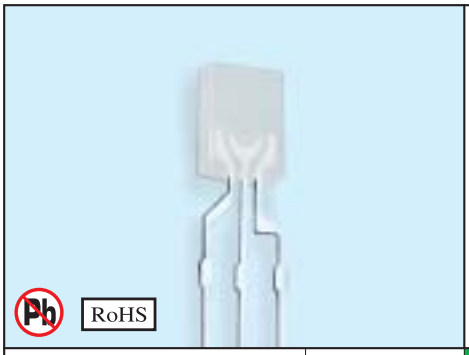
UNIT: mm

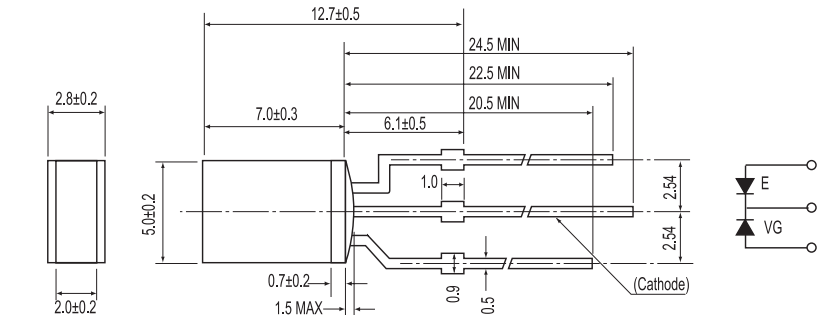




339-1YGW	GaP	Green	570	White Diff.	2.1	2.4	10	2.5	4.0	50
	GaAsP/GaP	Yellow	590		2.0	2.4		2.5	4.0	
339-1EVGW	GaP	Green	571		2.1	2.4		6.3	10	
	GaAsP/GaP	Orange	625		2.0	2.4		4.0	6.3	

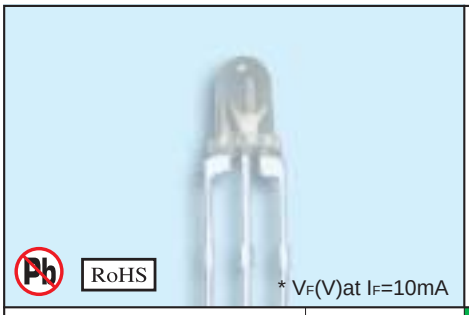
2x5mm Bi-Color(Multi-Color) Rectangular with Flange LED

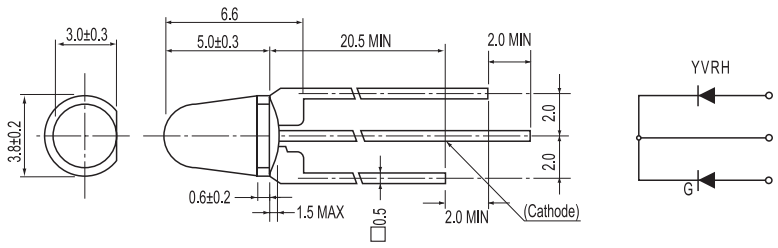




519-1EVGW	GaP	Green	571	White Diff.	2.1	2.4	10	2.5	4.1	150
	GaAsP/GaP	Orange	625		2.0	2.4		1.5	2.5	

3mm Bi-Color(Multi-Color) with Common Cathode (2mm Lead Pitch) LED, T-1





1259-7YGW	GaP	Green	570	White Diff.	2.1	2.4	10	1	2	45
	GaAsP/GaP	Yellow	590		2.0	2.4		1	2	
1259-7VRVGW	GaP	Green	571		2.1	2.4		4	8	
	GaAsP/GaP	Hi-Eif Red	625		2.0	2.4		6.3	12.5	
1259-7HGW*	GaP	Green	570		2.1	2.4		1.6	12.5	
	GaP	Red	650		2.0	2.4		1.6	2.5	

All dibasic and ternary Leds will be replaced by quaternary Led(AlInGaP) unless specifically required by customer.