

LED Component

SMD LED LAMP

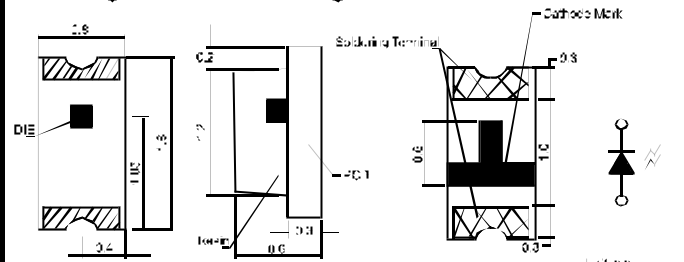
Part No	Emit Color	λ P (nm)	Lens Type	Iv(mcd)		Viewing Angle 2θ1/2	Drawing
				Min	Typ.		

1.6mmx0.8mm SMD, 0.6mm THICKNESS

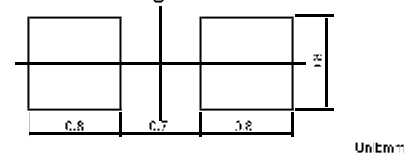
Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
3L-LS0603LUDR	Ultra Red	655	Water Clear	17	55	130
3L-LS0603LUHR	Ultra Red	645		25	75	
3L-LS0603LUEC	Ultra Orange	630		20	70	
3L-LS0603LUHO	Ultra Orange	618		15	105	
3L-LS0603LUYO	Ultra Amber	610		25	75	
3L-LS0603LUYC	Ultra Yellow	593		20	65	
3L-LS0603LUGC	Ultra Green	575		10	35	
3L-LS0603LPGC	Ultra Pure Green	525		50	100	
3L-LS0603LBGC	Ultra Bluish Green	505		50	100	
3L-LS0603LDNB	Blue	470		10	30	
3L-LS0603LUBC	Ultra Blue	470	10	25		
3L-LS0603LUWC	Ultra White	/	40	200		

BL-LS0603L

Package Outline Drawing



Recommended Soldering Pad Dimensions

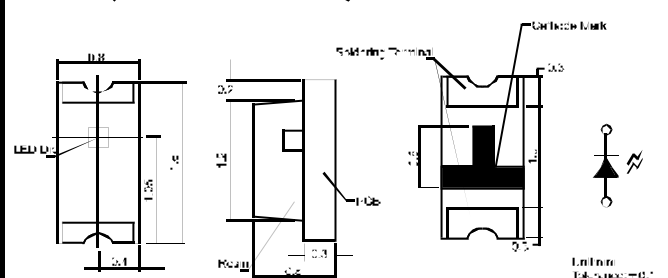


1.6mmx0.8mm SMD, 0.8mm THICKNESS

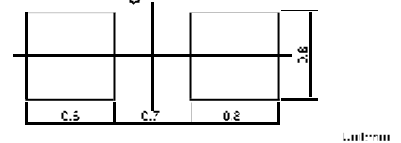
Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
BL-LS0603UDR	Ultra Red	655	Water Clear	22	55	130
BL-LS0603UHR	Ultra Red	645		30	80	
BL-LS0603UEC	Ultra Orange	630		30	80	
BL-LS0603UHO	Ultra Orange	618		50	110	
BL-LS0603UYO	Ultra Amber	610		30	80	
BL-LS0603UYC	Ultra Yellow	593		25	70	
BL-LS0603UGC	Ultra Green	575		10	40	
BL-LS0603PGC	Ultra Pure Green	525		50	100	
BL-LS0603LBGC	Ultra Bluish Green	505		50	110	
BL-LS0603DNB	Blue	470		10	33	
BL-LS0603UBC	Ultra Blue	470	10	30		
BL-LS0603UWC	Ultra White	/	40	200		

BL-LS0603

Package Outline Drawing



Recommended Soldering Pad Dimensions

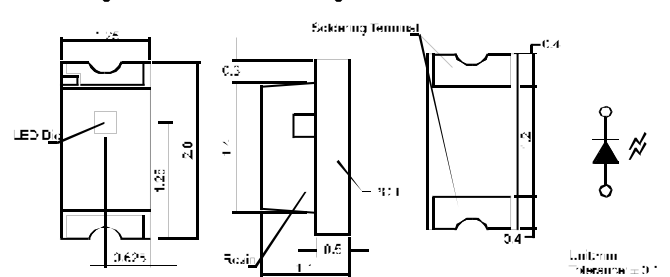


2.0mmx1.25mm SMD, 1.1mm THICKNESS

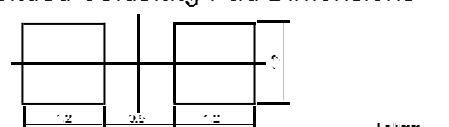
Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
BL-LS0805HUDR	Ultra Red	655	Water Clear	22	55	130
BL-LS0805HUHR	Ultra Red	645		30	80	
BL-LS0805HUEC	Ultra Orange	630		30	70	
BL-LS0805HUHO	Ultra Orange	618		50	110	
BL-LS0805HUYO	Ultra Amber	610		30	70	
BL-LS0805HUYC	Ultra Yellow	593		25	75	
BL-LS0805HUGC	Ultra Green	575		10	45	
BL-LS0805HPGC	Ultra Pure Green	525		50	100	
BL-LS0805HBGC	Ultra Bluish Green	505		50	110	
BL-LS0805HDNB	Blue	470		10	38	
BL-LS0805HUBC	Ultra Blue	470	10	30		
BL-LS0805HUWC	Ultra White	/	40	210		

BL-LS0805H

Package Outline Drawing



Recommended Soldering Pad Dimensions



All dimensions are in millimeters (inches)
Tolerance is ±0.25(0.01") unless otherwise noted.
Specifications are subject to change without notice.

LED Component



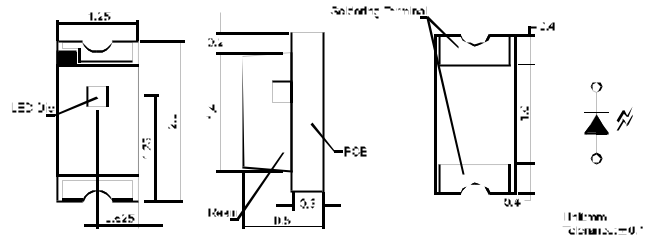
SMD LED LAMP

Part No	Emit Color	λ P (nm)	Lens Type	Iv(mcd)		Viewing Angle 2θ1/2	Drawing
				Min	Typ.		

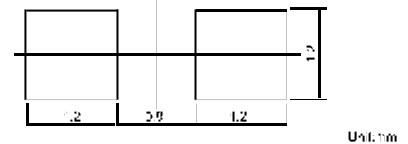
2.0mmx1.25mm SMD, 0.8mm THICKNESS

Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
BL-LS0805UDR	Ultra Red	655		Water Clear	22	
BL-LS0805UHR	Ultra Red	645	30		80	
BL-LS0805UEC	Ultra Orange	630	30		70	
BL-LS0805UHO	Ultra Orange	618	50		110	
BL-LS0805UYO	Ultra Amber	610	30		70	
BL-LS0805UYC	Ultra Yellow	593	25		75	
BL-LS0805UGC	Ultra Green	575	10		15	
BL-LS0805PGC	Ultra Pure Green	525	50		100	
BL-LS0805HGC	Ultra Bluish Green	505	50		110	
BL-LS0805DNB	Blue	470	10		38	
BL-LS0805UBC	Ultra Blue	470	10		30	
BL-LS0805UWC	Ultra White	/	10		200	

BL-LS0805 Package Outline Drawing



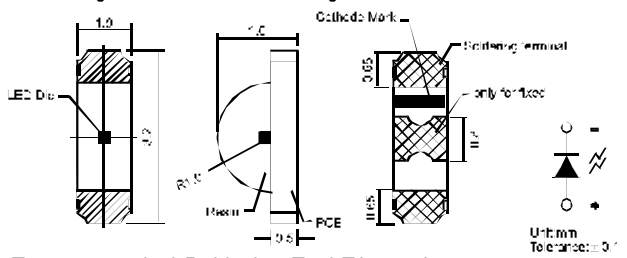
Recommended Soldering Pad Dimensions



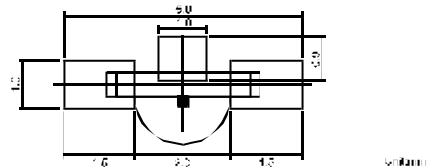
3.2mmx1.0mm SMD, 1.5mm THICKNESS

Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
BL-LS1204UDR	Ultra Red	655		Water Clear	15	
BL-LS1204UHR	Ultra Red	645	10		60	
BL-LS1204UEC	Ultra Orange	630	20		70	
BL-LS1204UHO	Ultra Orange	618	10		55	
BL-LS1204UYO	Ultra Amber	610	30		90	
BL-LS1204UYC	Ultra Yellow	593	15		60	
BL-LS1204UGC	Ultra Green	575	15		50	
BL-LS1204PGC	Ultra Pure Green	525	50		105	
BL-LS1204BGC	Ultra Bluish Green	505	50		90	
BL-LS1204DNB	Blue	470	10		50	
BL-LS1204UBC	Ultra Blue	470	10		40	
BL-LS1204UWC	Ultra White	/	10		190	

BL-LS1204 Package Outline Drawing



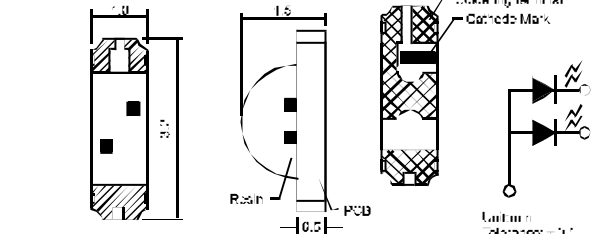
Recommended Soldering Pad Dimensions



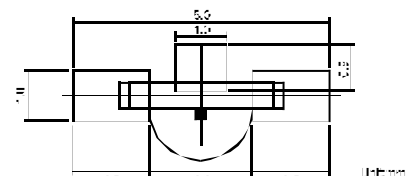
3.2mmx1.0mm SMD, 1.5mm THICKNESS, Bi-color type

Part No	Emit Color	λ P (nm)	Water Clear	Iv (mcd) Min	Iv (mcd) Typ.	Viewing Angle 2θ1/2
BL-LS1204SGC	Red	660		Water Clear	5	
	Green	568	6		15	
BL-LS1204EGC	Orange	640	1		10	
	Green	568	6		15	
BL-LS1204YJUGC	Ultra Yellow	593	15		60	
	Ultra Green	575	15		50	
BL-LS1204JEJGC	Ultra Orange	645	10		60	
	Ultra Green	575	15		50	

BL-LS1204XX Package Outline Drawing



Recommended Soldering Pad Dimensions



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LED Component



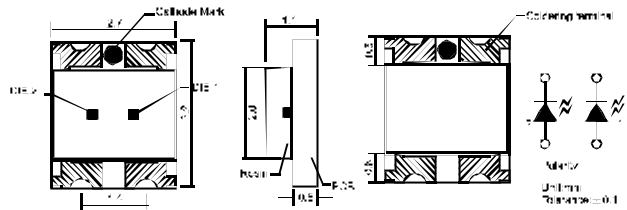
SMD LED LAMP

Part No	Emit Color	λ P (nm)	Lens Type	Iv(mcd)		Viewing Angle 2θ1/2	Drawing
				Min	Typ.		

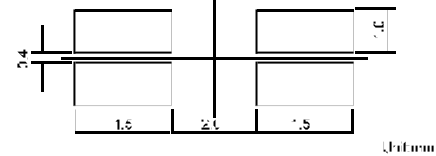
3.2mmx2.7mm SMD, 1.1mm THICKNESS

BL-LS*210SGC	Red	660	Water Clear	5	18	130
	Green	568		6	15	
BL-LS*210EGC	Orange	640		4	8	
	Green	568		6	15	
BL-LS*210JYJGC	Ultra Yellow	593		20	70	
	Ultra Green	575		15	45	
BL-LS*210JEJGC	Ultra Orange	645	22	80		
	Ultra Green	575	15	45		

BL-LS1210 Package Outline Drawing



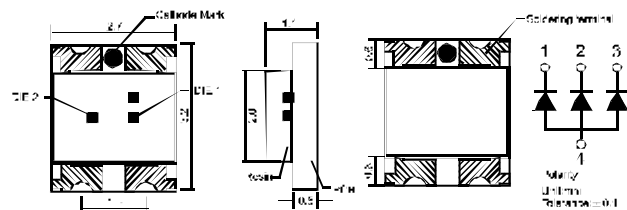
Recommended Soldering Pad Dimensions



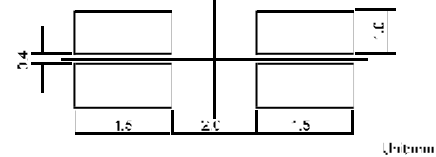
3.2mmx2.7mm SMD, 1.1mm THICKNESS, RGB type

BL-LS*210RGBC	Red	660	Water Clear	5	10	120
	Green	568		6	14	
	Blue	470		10	18	
BL-LS1210URJGUSC	Ultra Orange	645		40	55	
	Ultra Green	575		35	50	
	Ultra Blue	470		20	28	

BL-LS1210RGB Package Outline Drawing



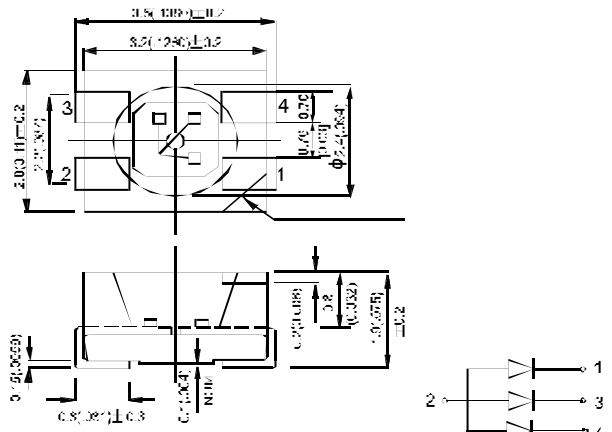
Recommended Soldering Pad Dimensions



3.5mmx2.8mm SMD, 1.9mm THICKNESS PLCC4 package

BL-LS*311UFC-3	Ultra Orange	630	Water Clear	400	800	120
BL-LS*311UYO-3	Ultra Amber	610		300	600	
BL-LS*311UYC-3	Ultra Yellow	593		600	800	
BL-LS*311UGC-3	Ultra Green	575		28	50	
BL-LS*311PGC-3	Ultra Pure Green	525		700	1000	
BL-LS*311UBC-3	Ultra Blue	470		400	700	
BL-LS*311UWC-3	Ultra White	/	1000	1500		

BL-LS1311-3



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