



DH-S121011

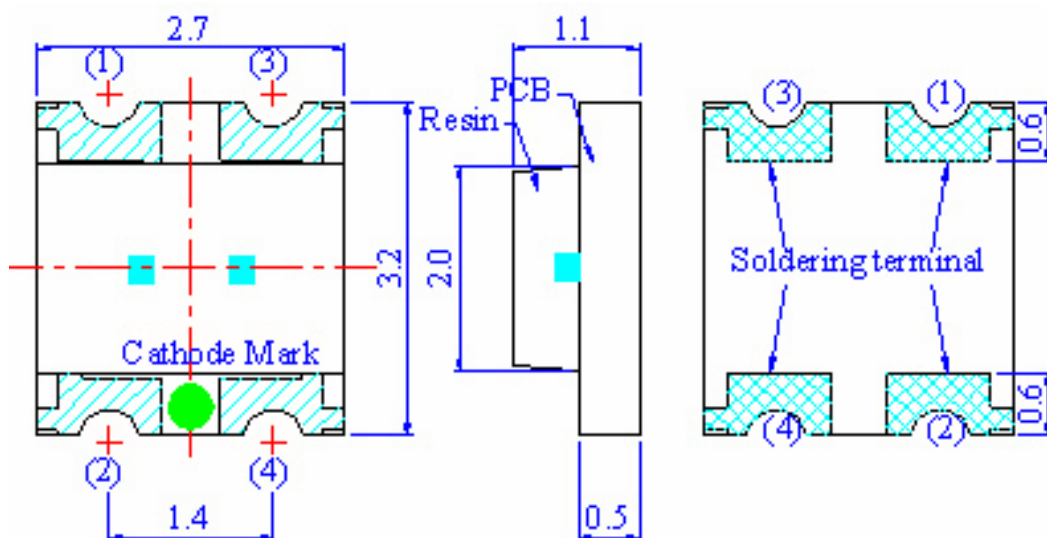


•FEATURES:

1. Compatible with automatic placement equipment.
2. Compatible with reflow solders process 3.Suitable for all SMT assembly methods

•APPLICATIONS:

1. Automotive: Dashboards, stop, lamps, turn signals. 2. General use.
3. Back lighting: LCDs, key pads advertising 4.Status indicators: Consumer & Industrial



Part No.	Chip			Lens Color	Vf (v)		Iv (mcd) IF=20 mA		Viewing Angle 2θ1/2
	Material	Emitted color	λp (nm)		Typ	Max	Min	Typ	
DH-S121011SR/YG	AlGaAs	Super Red	660	Water Clear	1.9	2.3	7.2	18	120
	GaP	Yellow Green	568	Water Clear	2.3	2.6	11.5	18	
DH-S121011SR/Y	AlGaAs	Super Red	660	Water Clear	1.9	2.3	7.2	18	120
	GaAsP	Yellow	585	Water Clear	2.2	2.6	3.6	7.2	
DH-S121011SD/YG	GaAsP	Super Orange	630	Water Clear	2.1	2.6	3.6	11.5	120
	GaP	Yellow Green	568	Water Clear	2.3	2.6	11.5	18	
DH-S121011Y/YG	GaAsP	Yellow	585	Water Clear	2.2	2.6	3.6	7.2	120
	GaP	Yellow Green	568	Water Clear	2.3	2.6	11.5	18	
DH-S121011UHR/SB	AlGaInP	Ultra High Red	645	Water Clear	2.1	2.6	72	115	120
	AlGaInP	Ultra Yellow Green	575	Water Clear	2.2	2.6	28.5	72	



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	Material	Emitted color	λp (nm)		Typ	Max	Min	Typ	
DH-S121011UHR/SB	AlGaInP	Ultra High Red	645	Water Clear	2.1	2.6	45	115	120
	InGaN	Blue	470	Water Clear	3.3	4.2	28.5	45	
DH-S121011UY/UYG	AlGaInP	Ultra High Yellow	592	Water Clear	2.1	2.6	45	72	120
	AlGaInP	Ultra Yellow Green	575	Water Clear	2.2	2.6	28.5	72	
DH-S121011UYG/SB	AlGaInP	Ultra Yellow Green	575	Water Clear	2.2	2.6	18	45	120
	InGaN	Blue	470	Water Clear	3.3	4.2	28.5	45	