



DH-S080511

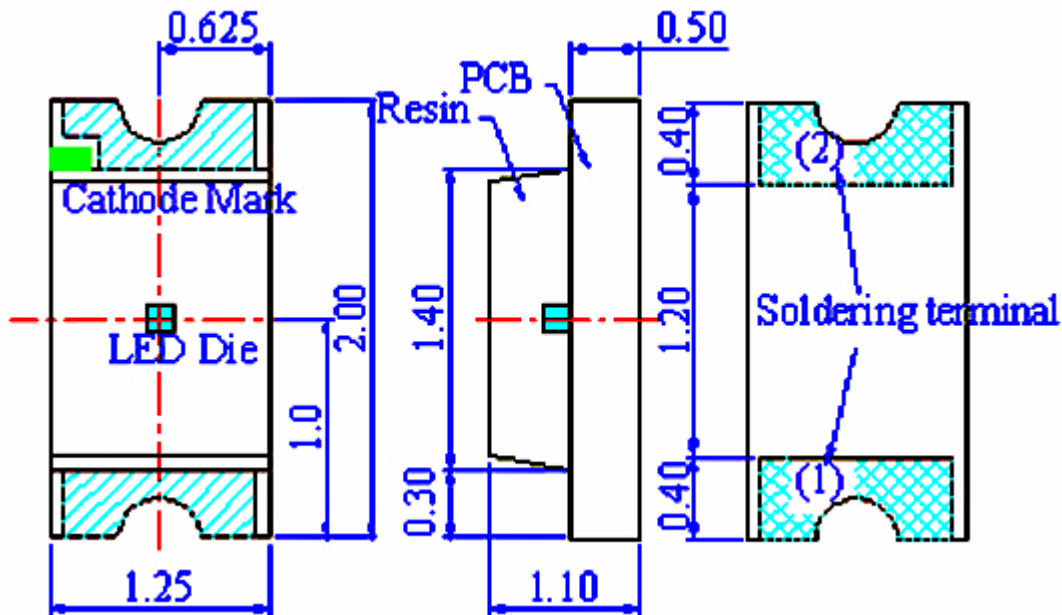


•FEATURES:

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-S080511HR	AlGaAs	High Red	660	Water clear	1.9	2.3	18	28.5	130
DH-S080511SR	AlGaAs	Super Red	660	Water clear	1.9	2.3	9.0	14.5	130
DH-S080511SD	GaAsP	Super Orange	630	Water clear	2.2	2.6	3.6	7.2	130
DH-S080511SO	GaAsP	Amber	610	Water clear	2.2	2.6	3.6	7.2	130
DH-S080511Y	GaAsP	Yellow	585	Water clear	2.2	2.6	2.2	5.1	130
DH-S080511YG	GaP	Yellow Green	568	Water clear	2.3	2.6	5.1	9.0	130
DH-S080511PG	GaP	Pure Green	555	Water clear	2.3	2.6	2.2	5.1	130
DH-S080511UHR	AlGaNp	Ultra High Red	645	Water clear	2.1	2.6	45	72	130
DH-S080511USD	AlGaNp	Ultra High Orange	630	Water clear	2.1	2.6	45	72	130
DH-S080511USO	AlGaNp	Ultra High Amber	610	Water clear	2.1	2.6	57	90	130



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	Material	Emitted color	λ_p (nm)			Typ	Max	Min	Typ	
DH-S080511UY	AlGaInP	Ultra High Yellow	595		Water clear	2.1	2.6	45	72	130
DH-S080511UYG	AlGaInP	Ultra Yellow Green	570		Water clear	2.2	2.6	28.5	45	130
DH-S080511UPG	AlGaInP	Ultra Pure Green	555		Water clear	2.1	2.6	11.5	18	130
DH-S080511DLG	InGaN	Green	525		Water clear	3.3	3.5	145	285	130
DH-S080511DLG-5M	InGaN	Green	525		Water clear	2.9	3.1	IF=5mA 45 -- 72		130
DH-S080511SB	InGaN	Blue	470		Water clear	3.3	3.5	36	57	130
DH-S080511SB-5M	InGaN	Blue	470		Water clear	2.9	3.1	IF=5mA 14.5 22.5		130