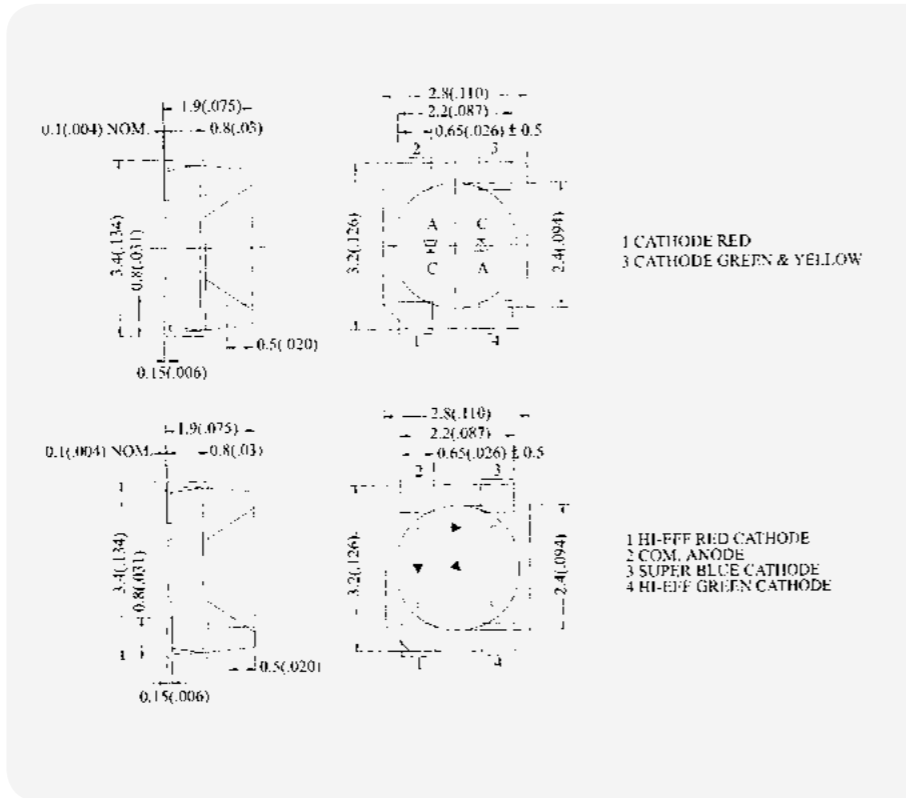


67-22 Series



Absolute Maximum Ratings (Ta=25°C)

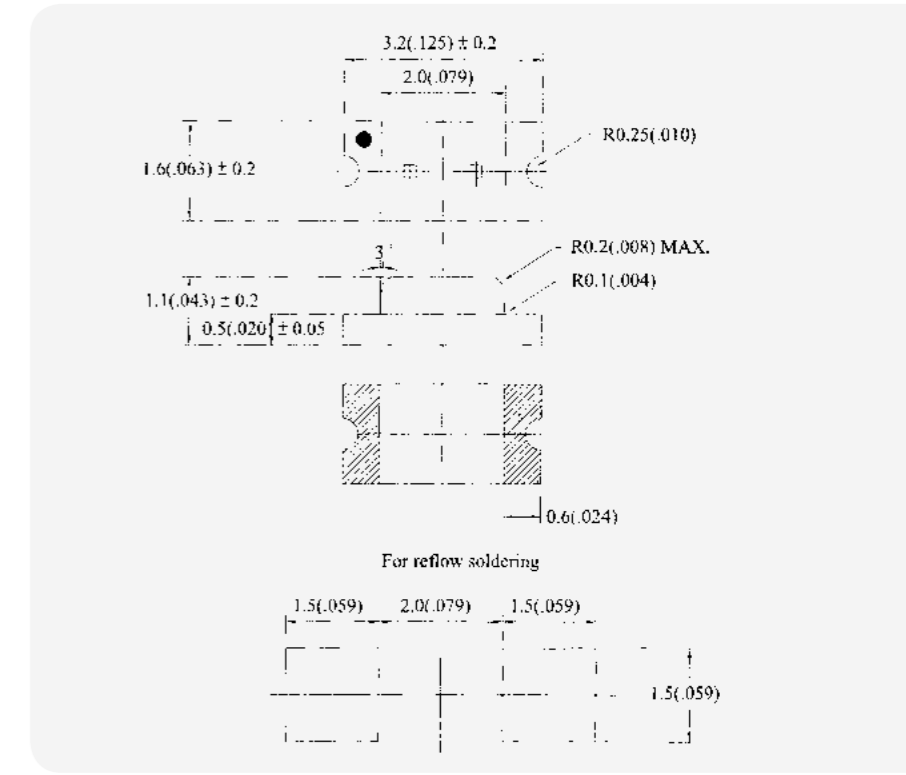
	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _R	V	5
Top	°C	-25~+80
Tstg	°C	-30~+85

NOTE:

1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.25(.010") unless otherwise specified.
3. Specifications are subject to change without notice.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ _p (nm)	Δλ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
67-22USRPGC-S530-A2-TR8	GaAsP / GaP	Hi-Eff Green	635	45	1.9	2.6	4.5	14.5	Water Clear	120°
	GaP / GaP	Pure Green	555	25	2.2	2.6	0.6	1.8		
67-22SURSYGC-S530-A2-TR8	GaAsP / GaP	Hi-Eff Red	635	45	1.9	2.6	4.5	14.5		
	GaAsP / GaP	Yellow	585	35	2.1	2.6	4.0	13.0		
67-22SURUGC-S530-A2-TR8	GaAlAs	Super Red	660	20	1.7	2.6	20.0	60.0		
	GaP / GaP	Hi-Eff Red	568	30	2.0	2.6	8.0	25.0		
67-23SURSYGUBC-S530-A2-TR8	GaAlAs	Super Red	660	20	1.7	2.6	0.6	25.0		
	InGaN/Sic	Super Green	502	30	3.6	4.0	8.0	30.0		
	InGaN/Sic	Super Blue	470	30	3.6	4.0	0.6	25.0		

BL-HXXXX33 Series



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
IF	mA	30
IFp	mA	100
V _R	V	5
Top	°C	-25~+80
Tstg	°C	-30~+85

NOTE:

1. All dimensions are in millimeters(inches).
2. Tolerance is ±0.10(.004") unless otherwise specified.
3. Specifications are subject to change without notice.

Part No.	Chip				Lens Appearance	Electro-optical Data (At 20mA)				Viewing Angle 2θ 1/2 (deg)
	Material	Emitted Color	λ _p (nm)	Δλ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
BL - HE1G033	GaAsP / GaP	Hi-Eff Red	635	45	1.9	2.6	3.0	12.0	Water Clear	140°
	GaP / GaP	Green	568	30	2.1	2.6	5.0	15.0		
BL - HE1W033	GaAsP / GaP	Hi-Eff Red	635	45	1.9	2.6	3.0	12.0		
	GaP / GaP	Pure Green	555	25	2.2	2.6	0.5	3.0		
BL - HG0Y033	GaP / GaP	Green	568	30	2.1	2.6	5.0	15.0		
	GaAsP / GaP	Yellow	585	35	2.1	2.6	3.0	10.0		
BL - HD1X133	GaAlAs / GaAs	Super Red	660	20	1.8	2.6	10.0	30.0		
	GaP / GaP	Hi-Eff Green	568	30	2.0	2.6	6.0	25.0		