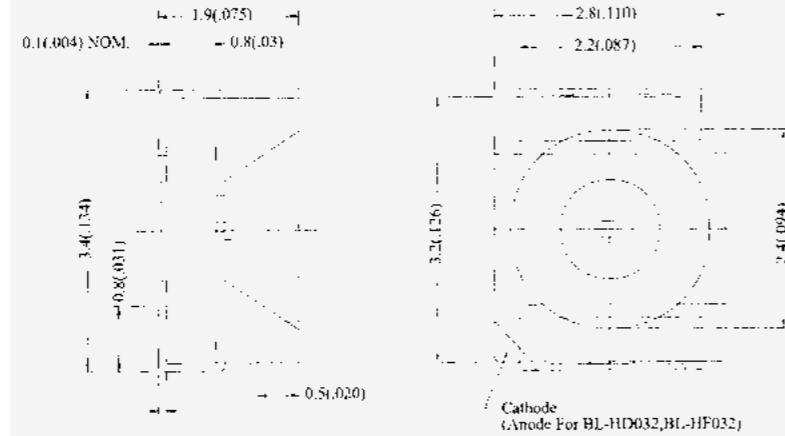


67 - 21 Series



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)	∠λ (nm)		V _f (V)		I _v (mcd)		
						Typ.	Max.	Min.	Typ.	
67-21SURC/S530-A2/TR8	GaP / GaP	Bright Red	700	90	Water Clear	2.3	2.6	1.4	4.2	120°
67-21VGC/TR8	GaP / GaP	Green	568	30		2.1	2.6	6.0	18.0	
67-21PGC/TR8	GaP / GaP	Pure Green	555	25		2.2	2.6	0.6	1.8	
67-21USRC/S530-A2/TR8	GaAlAs / GaAlAs	Ultra Red	660	20		2.0	2.6	22.0	65.0	
67-21SOC/TR8	AlGaInP	Super Orange	620	17		2.0	2.6	24.0	72.0	
67-21UYC/S530-A2/TR8	AlGaInP	Super Yellow	588	15		2.0	2.6	24.0	72.0	

• DEVICE NUMBER : 67-21 Series

• FEATURES :

- Compatible with automatic placement equipment
- Surface mount assembly lamp
- High efficiency low power consumption
- Long life solid state reliability

• TAPPING AND PACKAGING SPECIFICATION

Item	Symbol	Specification			
		Minimum		Maximum	
		mm	inch	mm	inch
Tape Feed Hole Diameter (DIA)	D ₀	1.40	0.055	1.55	0.061
Feed Hole Location	E	1.65	0.065	1.85	0.072
Centers Line Dimensions Length Direction	F	5.45	0.215	5.55	0.218
Compartment Depth	K ₀	2.10	0.083	2.15	0.084
Carrier Tape Overall Thickness	K	-	-	2.40	0.094
Compartment Pitch	P	3.90	0.153	4.10	0.161
Sprocket Hole Diameter	P ₀	3.90	0.153	4.10	0.161
Centers Line Dimensions Length Direction	P ₂	1.95	0.076	2.05	0.080
Carrier Tape Thickness	t	-	-	0.20	0.007
Carrier Tape Width	W	11.80	0.465	12.20	0.480
Flange Diameter	A	172.0	6.772	178.0	7.000
Hub Spindle Hole	C	12.50	0.492	13.50	0.531
Hub Diameter	D ₂	20.00	0.788	21.50	0.846
Fixing Tape Width	W ₁	9.00	0.354	9.30	0.366
Flange Space Between Flanges	T	16.00	0.629	17.00	0.669
Compartment Length	A ₀	3.60	0.142	3.65	0.144
Compartment Width	B ₀	3.80	0.150	3.85	0.152

