

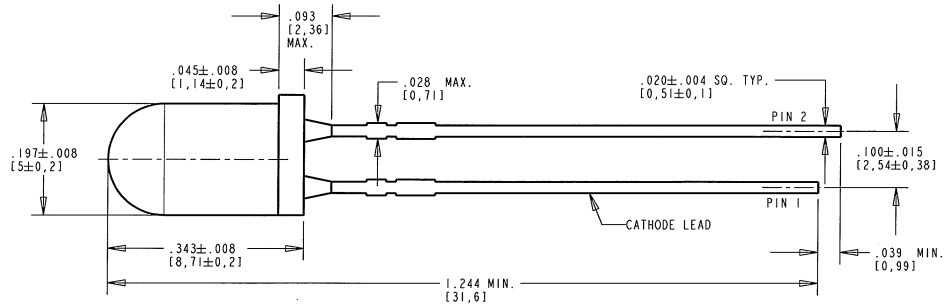
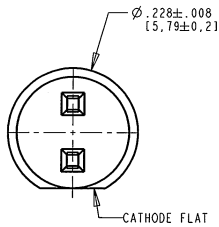
OPERATING CHARACTERISTICS AT T _a = 25°C				
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS TEST CONDITIONS
LUMINOUS INTENSITY	880		2500	mcd I _f = 20 mA
VIEWING ANGLE (2 Θ 1/2)		30		deg.
FORWARD VOLTAGE		3.2	3.7	V I _f = 20 mA
REVERSE CURRENT	.10			μA V _r = 5 V

ABSOLUTE MAXIMUM RATINGS AT T _a = 25°C		
PARAMETER	VALUE	UNITS
DC FOWARD CURRENT	30	mA
PEAK FORWARD CURRENT	100	mA
POWER DISSIPATION	111	mW
REVERSE VOLTAGE (I _r = 10μA)	5	V
OPERATING TEMPERATURE RANGE	-40 to +80	°C
STORAGE TEMPERATURE RANGE	-40 to +100	°C
DIP-DRAG SOLDER TEMPERATURE	260 FOR 5 SECS.	°C

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	7/8	1/1	3-20-08

NOTES:

- LENS COLOR: WATER CLEAR.
- DIE: InGaN BLUE COATED WITH A PHOSPHOR TO PRODUCE WHITE.
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- PIN NUMBERS FOR REFERENCE ONLY; DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT P/N: 521-9948F
- BULK PACKAGING
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.



RoHS COMPLIANT 521-9948F
 Part Numbers with the "F" suffix ending are RoHS Compliant.
 Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

BIN	LIMITS (CHROMATICITY COORDINATES)			
	X	Y	Z	U
1	0.330	0.330	0.356	0.361
	0.360	0.318	0.351	0.385
2	0.287	0.296	0.330	0.330
	0.295	0.276	0.318	0.339
3	0.264	0.280	0.296	0.283
	0.267	0.248	0.276	0.305
4	0.283	0.287	0.330	0.330
	0.305	0.295	0.339	0.360

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17600	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	Ø 5.0mm WHITE LED
FRACTIONS (.XX): ±.01	MATERIAL	RoHS COMPLIANT
DECIMALS (.XXX): ±.005	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXXX): ±.0005	FSCN 83330	
ANGLES: ±1°	SHEET 1 OF 1 FAMILY TABLE:	