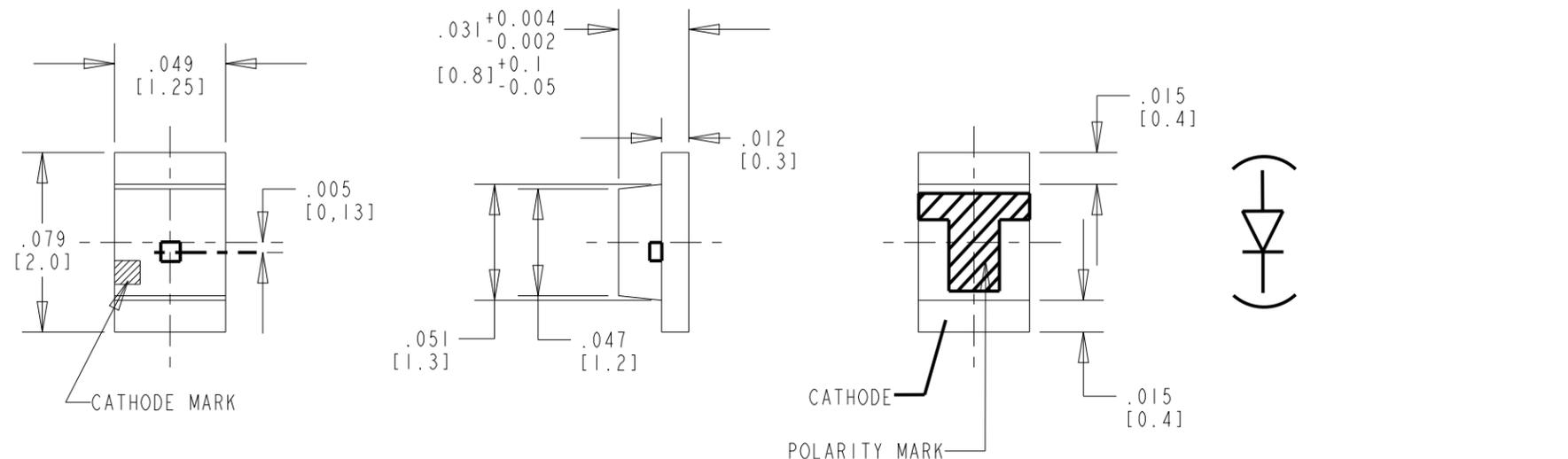


OPERATING CHARACTERISTICS AT 25 °C AMBIENT

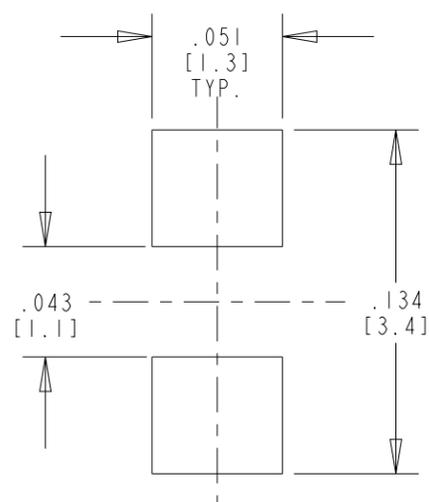
DIALIGHT P/N	LED COLOR	DIE MATERIAL	EPOXY COLOR	I _F (mA)	FORWARD VOLTAGE (V)		LUMINOUS INTENSITY (mcd)			REVERSE CURRENT (μA) (@ V _R = 5 V)	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)			VIEWING ANGLE (2θ 1/2) (DEGREES)
					TYP.	MAX.	MIN.	TYP.	MAX.	MAX.		MIN.	TYP.	MAX.	
597-3212-407NF	ORANGE	AlGaInP	MILKY WHITE	20	1.9	2.4	82	110	150	100	609	603	605	609	140

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	RSK	WFB	NO	11/20/14

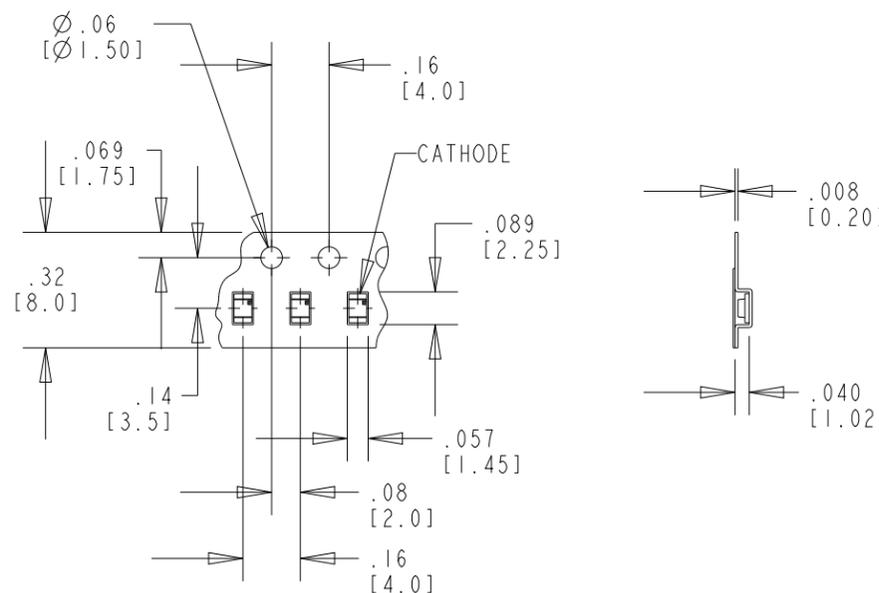


NOTES:

- PARTS PACKAGED ON 180 mm DIA. REEL, 8 mm TAPE, 4000/REEL (SEE SKETCH).
- TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
- MOISTURE SENSITIVITY LEVEL: 3.
- PACKAGING TO INCLUDE LABEL CONTAINING DIALIGHT P/N, DATE CODE/LOT NO., LUMINOUS INTENSITY AND COLOR BINS, QTY/REEL, AND COUNTRY OF ORIGIN.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- DIALIGHT PART NUMBER: 597-3212-402NF (SAMPLE STRIP)
597-3212-407NF (TAPE AND REEL)



SOLDER PAD LAYOUT



TAPE & REEL SPECIFICATION
NO SCALE

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT	597-3212-407NF	UNITS
	ORANGE	
POWER DISSIPATION	78	mW
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (< 1/20 DUTY CYCLE T _w < 1 msec)	100	mA
DERATE LINEAR FROM 75 °C	1.0	mA/°C
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +105	°C

RoHS COMPLIANT 597-3212-40XNF

Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 597-3212-402NF. Reel and bag packaging are marked with "RoHS Compliant" label or equivalent markings. These parts can be used with RoHS reflow profile. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 10 sec.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-18125	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE SM 0805 ORANGE LED	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL	
FINISH:	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	