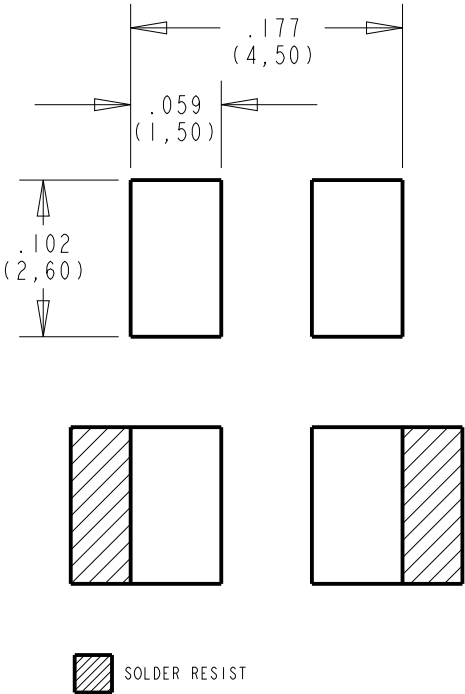
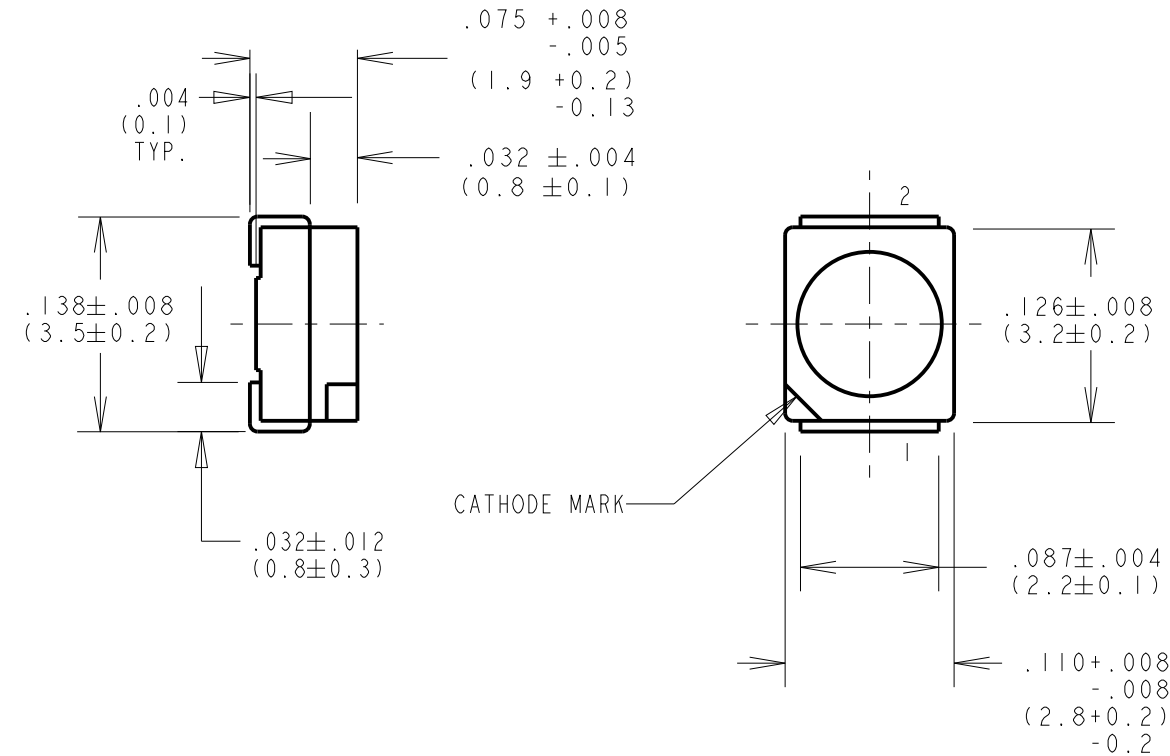
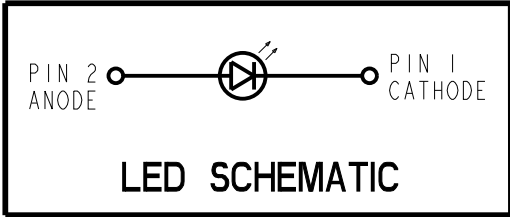
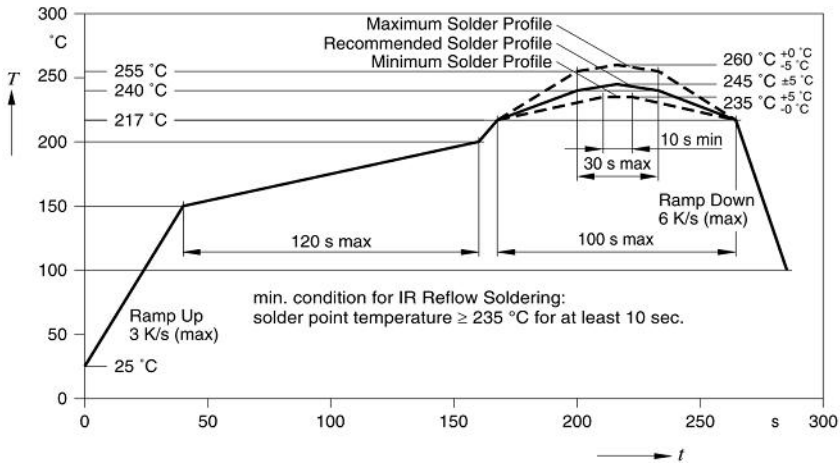


RoHS Compliant 597-3002-30XF
Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 597-3002-302F
Packaging is marked with "RoHS Compliant" label or equivalent markings.
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TC			
B		UPDATED LED SPECS	WFB	KLJ	N.O.	8-16-13



RECOMMENDED SOLDERING PAD PATTERN



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

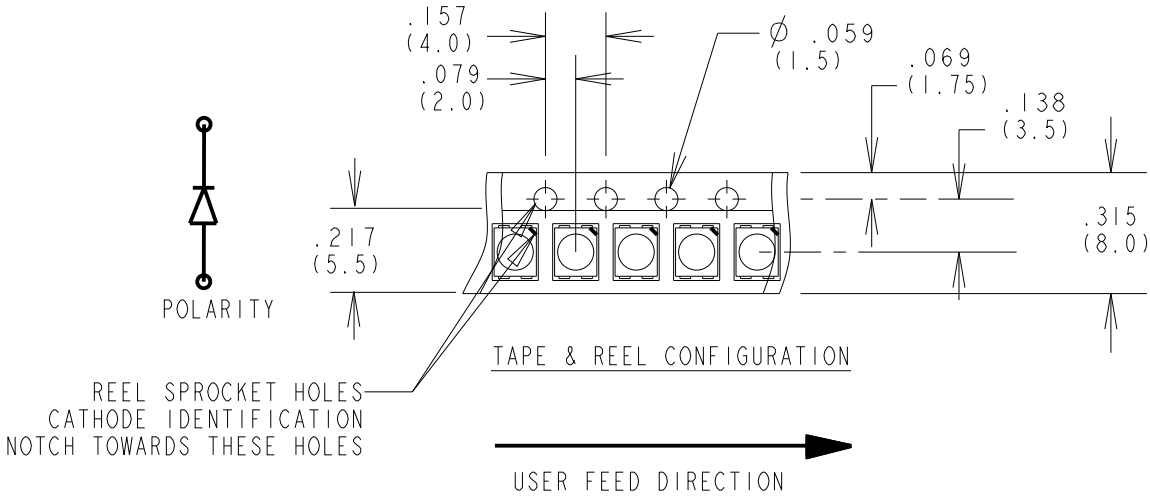
OPERATING CHARACTERISTICS AT 25 °C AMBIENT

LUMINOUS COLOR	FORWARD VOLTAGE (V) @ I _F = 20 mA		LUMINOUS INTENSITY (mc d) @ I _F = 20 mA			PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	VIEWING ANGLE (DEGREES)
	TYP.	MAX.	MIN.	TYP.	MAX.	TYP.	TYP.	TYP.
RED	2.0	2.3	112	160	224	645	633	120

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	RED	UNITS
POWER DISSIPATION	80	mW
PEAK FORWARD CURRENT (D=.005 , +510µs	100	mA
DC FORWARD CURRENT	30	mA
DERATE LINEARLY FROM 85°C	1	mA / °C
REVERSE VOLTAGE	12	V
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +100	°C

NOTES:

- DIALIGHT PART NUMBERS: 597-3002-30XF.
- ...302F SUFFIX MEANS PARTS PACKAGED ON A 20 PC SAMPLE STRIP.
...307F SUFFIX MEANS PARTS PACKAGED ON A 7" [Ø180mm] REEL, 2,000 PCS/REEL.
- TAPE & REEL MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
- PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART OR REEL TAPE.
- MOISTURE SENSITIVITY LEVEL: 2
- PACKAGING TO INCLUDE LABEL CONTAINING DIALIGHT PART NUMBER, 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.



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.		
SCALECADBAWINONSCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17507	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE RED PLCC-S SMT LED ROHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1		FAMILY TABLE: