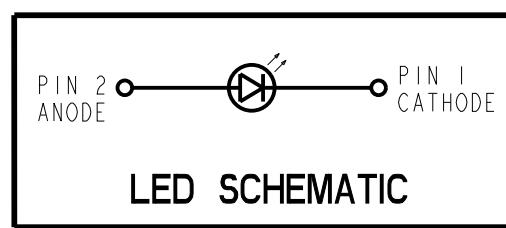
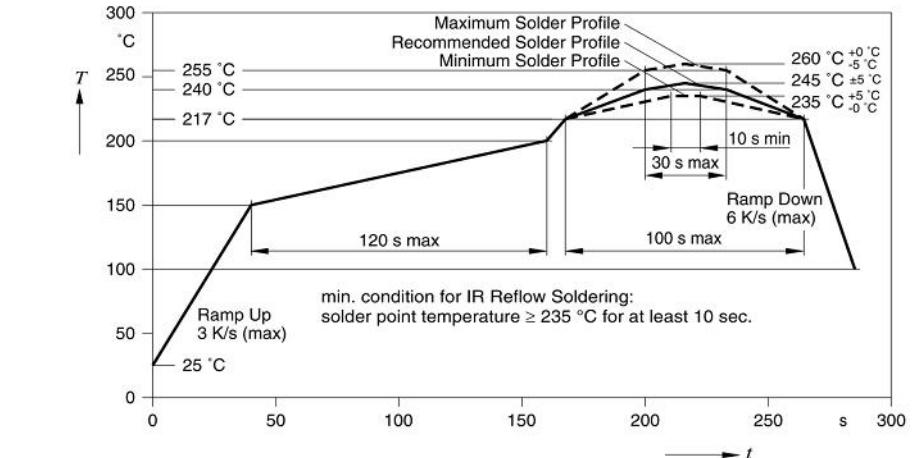
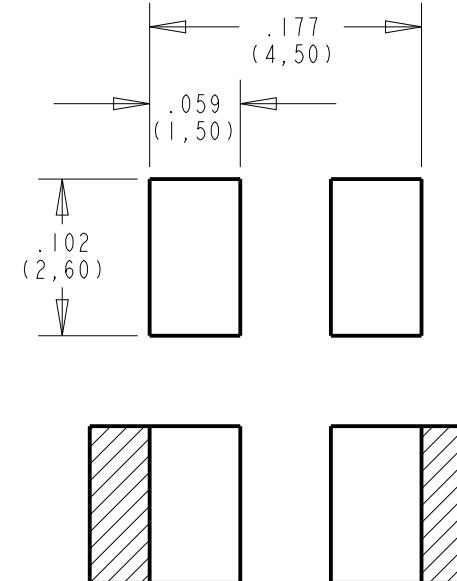
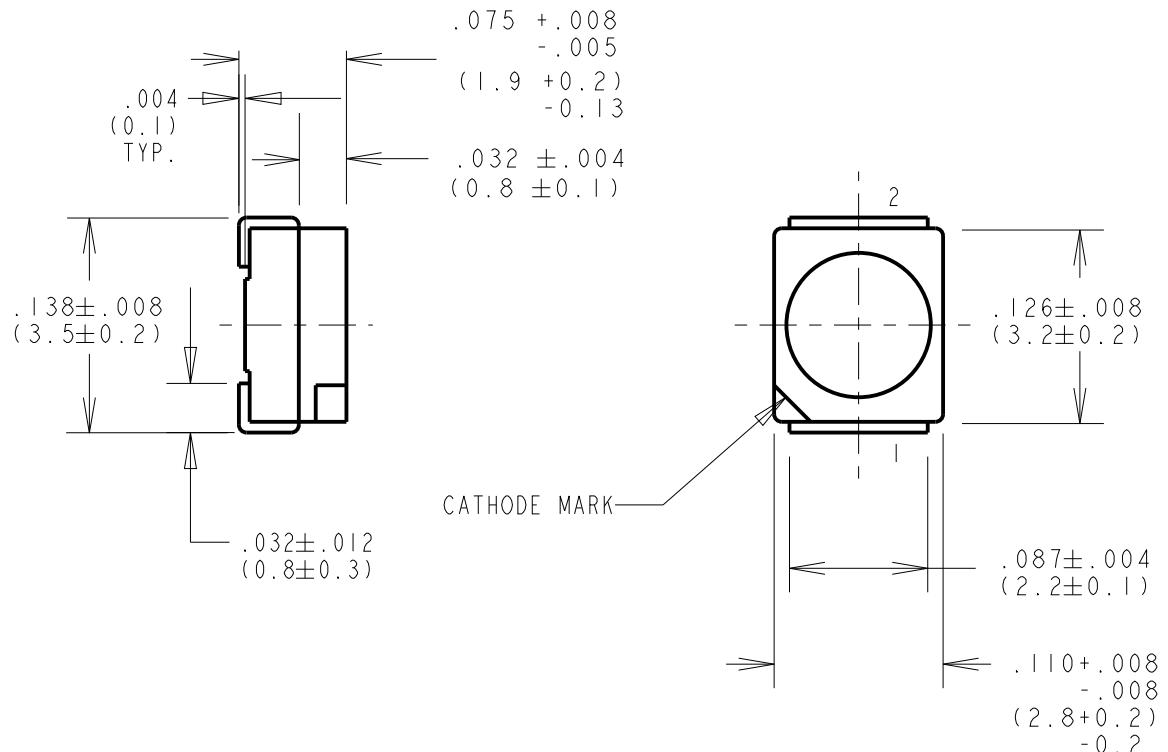


RoHS Compliant 597-3002-30XF		REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
Part Numbers with the "F" suffix ending are RoHS Compliant.		A	—	NEW RELEASE	TC	—	—	—
Example: 597-3002-302F		B	—	UPDATED LED SPECS	WFB	KLJ	N.O. 8-16-13	
Packaging is marked with "RoHS Compliant" label or equivalent markings.								
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

OPERATING CHARACTERISTICS AT 25 °C AMBIENT

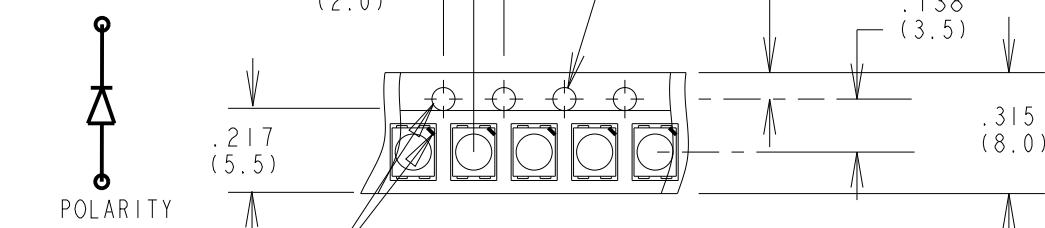
LUMINOUS COLOR	FORWARD VOLTAGE (V) @ $I_F = 20$ mA		LUMINOUS INTENSITY (mcd) @ $I_F = 20$ mA		PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	VIEWING ANGLE (DEGREES)
	TYP.	MAX.	MIN.	TYP.	MAX.		
RED	2.0	2.3	112	160	224	645	633
						120	

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT		RED	UNITS
POWER DISSIPATION		80	mW
PEAK FORWARD CURRENT (D = .005, $t_{on} = 10\mu s$)		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.

REEL SPROCKET HOLES
CATHODE IDENTIFICATION
NOTCH TOWARDS THESE HOLES



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.	DRAWING NUMBER	REV
C-17507	B	
TITLE	RED PLCC-S SMT LED	
	ROHS COMPLIANT	
MATERIAL		
Dialight	1501 ROUTE 34 SOUTH	
	FARMINGDALE, NJ 07727	
FSCM	83330	
SHEET	1 OF 1	FAMILY TABLE