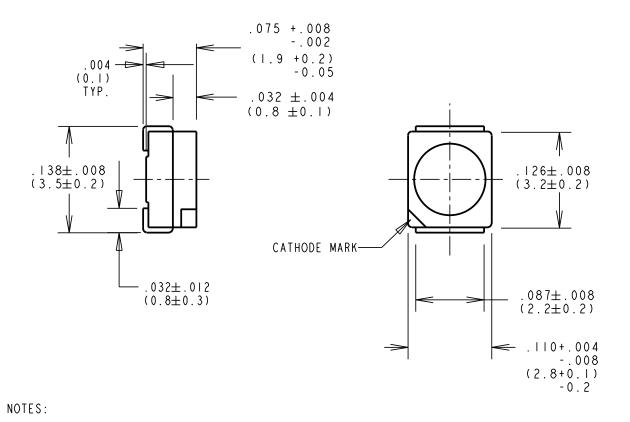
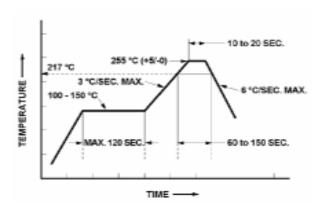
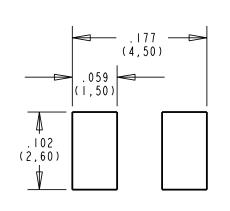
OPERATING CHARACTERISTICS AT 25°C AMBIENT										
LUMINOUS COLOR	FORWARD VOLTAGE (V)  0 I <sub>F</sub> = 20 mA		LUMINOUS INTENSITY (mcd) @ I <sub>F</sub> = 20 mA			PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	VIEWING ANGLE (DEGREES)	LUMINOUS EFFICACY (Im/w)	LUMINOUS INTENSITY/ TOTAL FLUX Iv(mcd)/\pv(mlm)
	TYP	MAX	MIN.	TYP.	MAX.	TYP.	TYP.	TYP.	TYP.	TYP.
AMBER	2.2	2.6	112.50	140.00		594	592	120	500	0.45

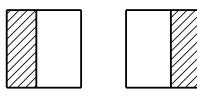
ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	AMBER	UNITS
POWER DISSIPATION	72	mW
PEAK FORWARD CURRENT (DUTY FACTOR = 10%, FREQUENCY = 1 kHz)	100	mA
DC FORWARD CURRENT	30	mA
DERATE LINEARLY FROM 40°C	0.42	mA/°C
REVERSE VOLTAGE	5	٧
JUNCTION TEMPERATURE	+     0	°C
STORAGE TEMPERATURE	-55 TO +100	°C
OPERATING TEMPERATURE	-55 TO +100	°C
I.R. REFLOW SOLDERING TEMPERATURE, 20 SEC. MAX.	260	°C



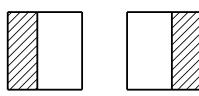


RoHS COMPLIANT REFLOW SOLDERING PROFILE









## RECOMMENDED SOLDERING PAD PATTERN



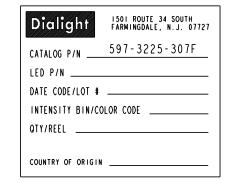
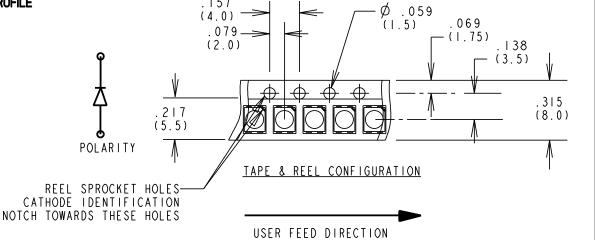


FIGURE (I)



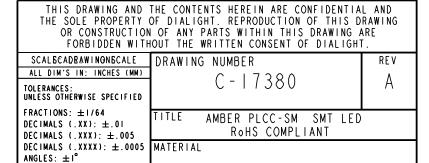
## RoHS Compliant 597-3225-30XF Surface Mount LED

Part Numbers with the "F" suffix ending are RoHS Compliant. Example: 597-3225-307F

Packaging is marked with "RoHS Compliant" label or equivalent markings.

Parts can be reflow soldered per RoHS reflow profile, wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 10-20 sec.





FINISH: 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 83330 FSCM SHEET OF I FAMILY TABLE:

DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

DIALIGHT PART NO. 597-3225-307F FULL REEL, 597-3225-302F 20 PCS SAMPLE STRIP. 2. DIE: TS AllnGP AMBER 3. SOLDER ADHERANCE: EACH PAD PER MIL-STD-202E, METHOD 208C.
4. TAPE AND REEL AS PER EIA STANDARD 481-1, WITH CATHODE TOWARD SPROCKET.

5. PACKAGE ON 180 mm DIA REEL, 8 mm TAPE, 2000/REEL. PACKAGING TO INCLUDE: DIALIGHT LABEL (SEE FIGURE I) WITH CATALOG P/N, LED P/N OPTIONAL, DATE CODE/LOT NO. LUMINOUS INTENSITY RANK AND COLOR BIN CLASSIFICATION, OTY / REEL, AND COUNTRY OF ORIGIN. LABEL BOTH REEL AND SEALED ALUMINUM VAPOR BARRIER BAG WITH DESICCANT INSIDE. PARTS POSITIONED WITH 4 mm PITCH ON REELS.

ALUMINUM MOISTURE BARRIER BAG TO HAVE A MOISTURE SENSITIVITY LEVEL "2a" LABEL APPLIED AS PER JEDEC STD. 033

TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE