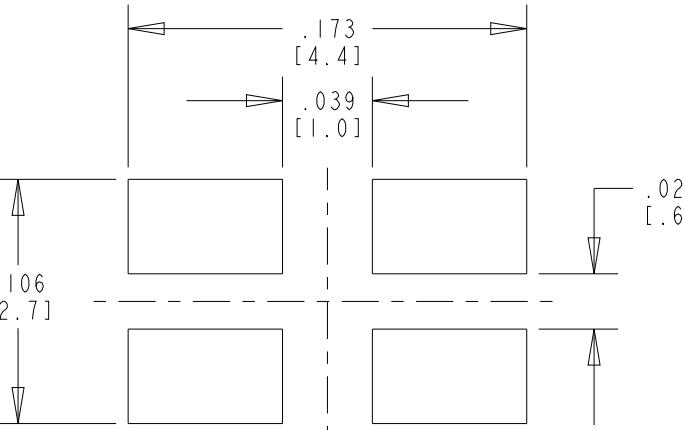


OPERATING CHARACTERISTICS AT 25°C AMBIENT

LED CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW GREEN	5.6 9.0	10.0 21.0	18.0 45.0	mcad	$I_F = 20$ mA
FORWARD VOLTAGE	YELLOW GREEN		2.1 2.2	2.8 2.8	V	$I_F = 20$ mA
REVERSE CURRENT	YELLOW GREEN			100	μ A	$V_R = 4$ V
PEAK WAVELENGTH	YELLOW GREEN		585 570		nm	
DOMINANT WAVELENGTH	YELLOW GREEN	582 568	589 575	596 582	nm	
VIEWING ANGLE (2θ 1/2)	YELLOW GREEN		100		DEGREE	

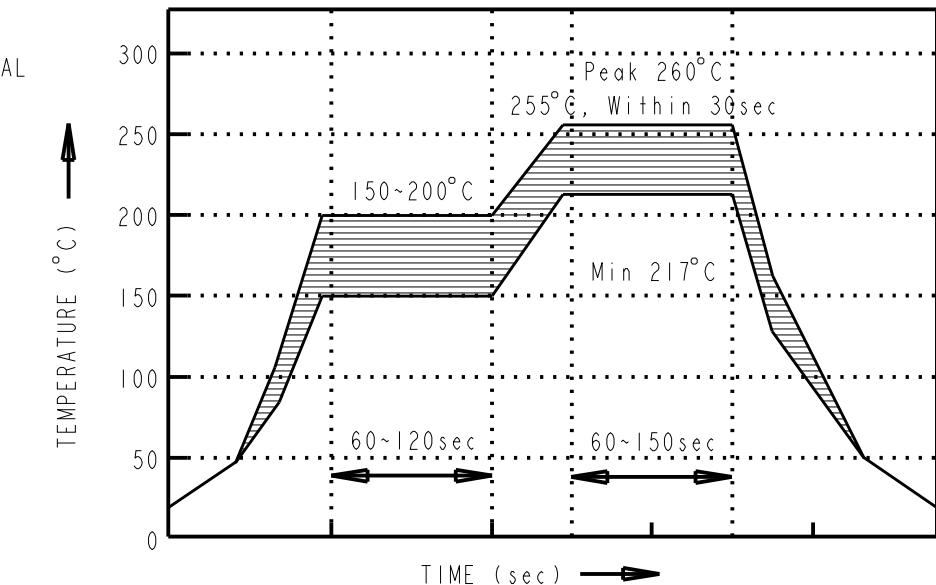
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	YELLOW	GREEN	UNITS
POWER DISSIPATION		60	mW
CONTINUOUS FORWARD CURRENT		25	mA
PEAK FORWARD CURRENT (PULSE WIDTH 1 ms, DUTY 20%)		60	mA
REVERSE VOLTAGE		4	V
OPERATING TEMPERATURE		-30 TO +85	°C
STORAGE TEMPERATURE		-40 TO +85	°C



RECOMMENDED SOLDER LAND PATTERN

TOLERANCES: $\pm .004$

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	SM	N.O.	MES	—
B	—	"YELLOW ANODE" WAS "RED ANODE" AND "YELLOW CATHODE" WAS "RED CATHODE" IN ERROR; CATHODE MARK WAS DISPLAYED TOWARDS REEL SPROCKET HOLES IN ERROR; ADDED P/N 597-7721-502F (20 PC STRIP).	KLJ	NO	MES	2-4-09
C	—	UPDATE RoHS SOLDER PROFILE GRAPH AND LUMINOUS INTENSITY	JTD	MES	NO	1-24-12



RECOMMENDED RoHS SOLDER PROFILE

RoHS Compliant 597-7721-502F, -507F SMT LED

Part Numbers with the "F" suffix ending are RoHS Compliant. 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.

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-17525	REV C
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .008$		
ANGLES: $\pm 1^\circ$		
FINISH:		
FSCM 83330		
SHEET 1 OF 1		FAMILY TABLE:



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES