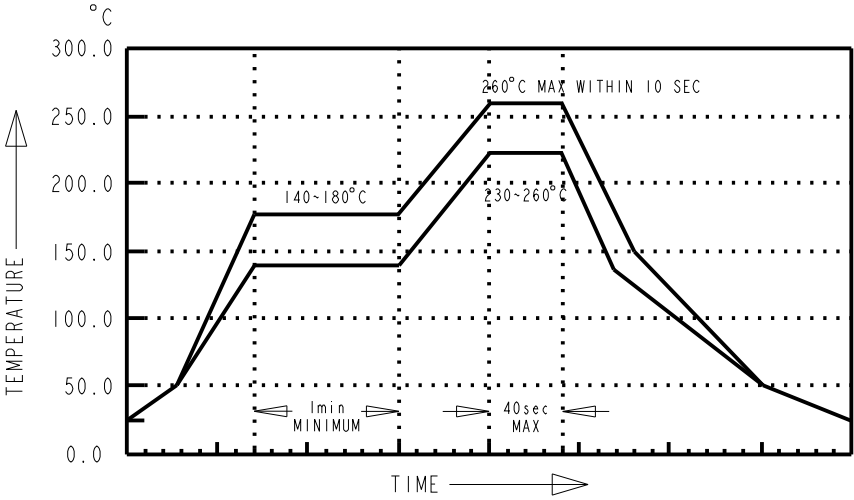
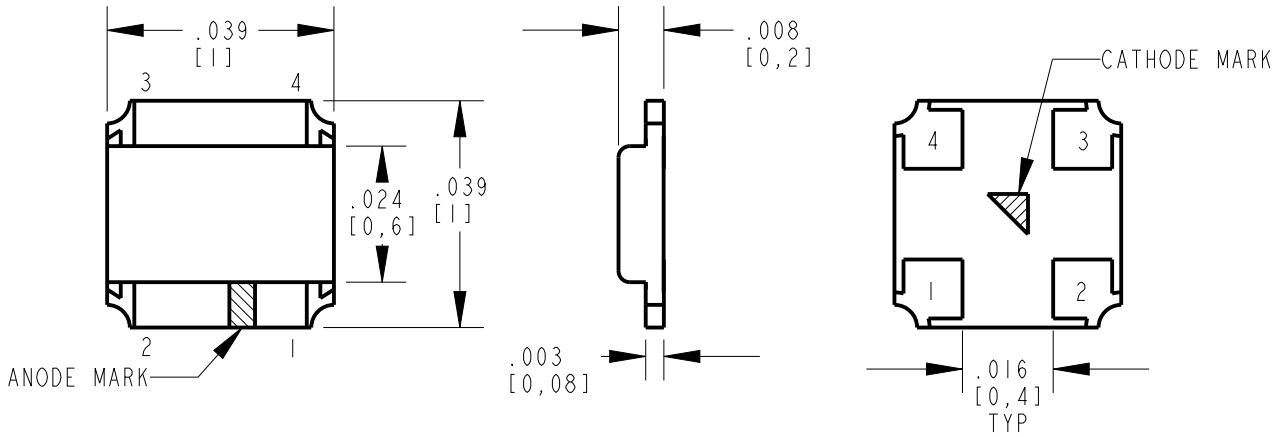


DIALIGHT PART NUMBER	COLOR	LED DIE	LED EPOXY COLOR
597-7717-502F, -507F	RED	AlGaInP	DIFFUSED WHITE
	GREEN	InGaN	
	BLUE		

RoHS COMPLIANT 597-7717-50XF

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 597-7717-502F
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 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	WFB	JTD	NO	12-5-12



NOTES:

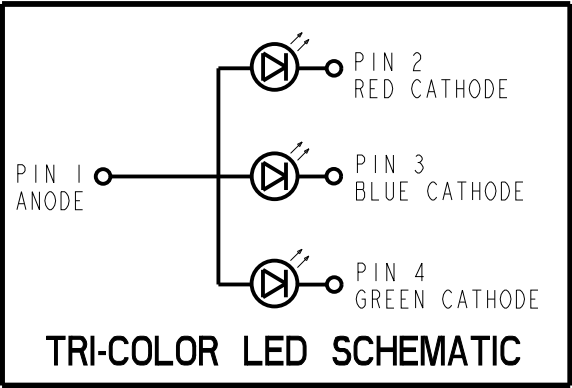
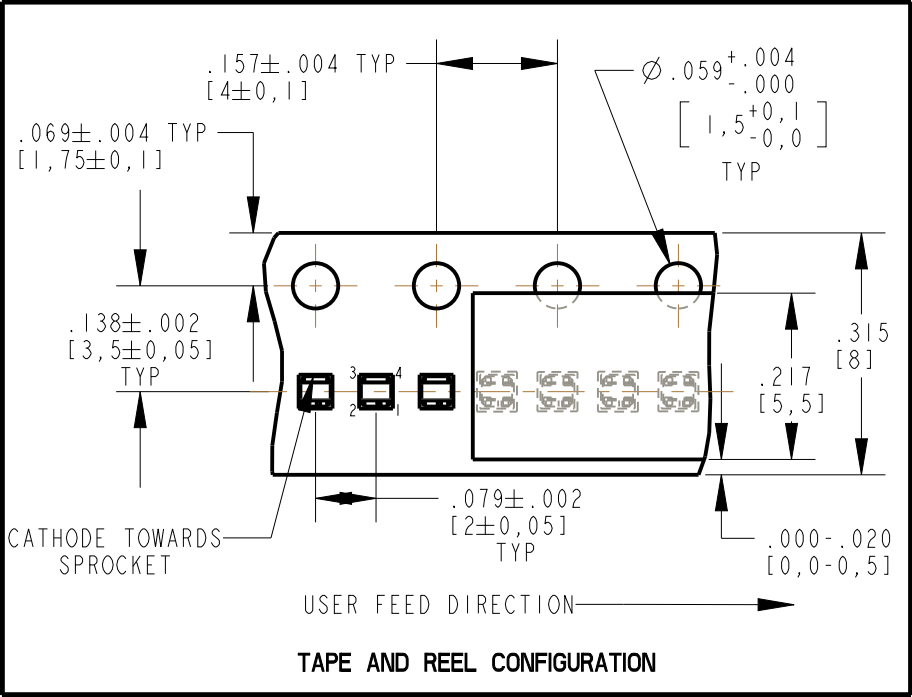
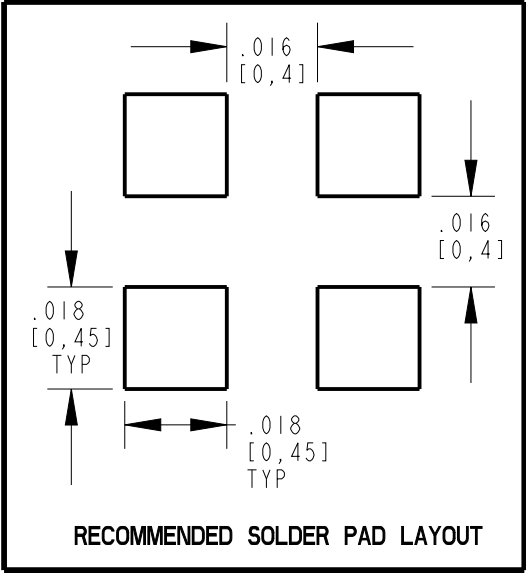
1. DIALIGHT PART NUMBERS: 597-7717-50XF.
2. TAPE & REEL MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
3. PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART OR REEL TAPE.
4. ...502F SUFFIX MEANS PARTS PACKAGED ON A 20 PC SAMPLE STRIP.
...507F SUFFIX MEANS PARTS PACKAGED ON A 7" [Ø180mm] REEL, 5,000 PCS/REEL.
5. MOISTURE SENSITIVITY LEVEL: 3
6. PACKAGING TO INCLUDE LABEL CONTAINING DIALIGHT PART NUMBER, DATE
CODE/LOT NO., LUMINOUS INTENSITY AND COLOR BINS, QTY/REEL, AND COUNTRY OF ORIGIN.
7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE
DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING
ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

OPERATING CHARACTERISTICS AT 25°C AMBIENT												
COLOR	LUMINOUS INTENSITY			FORWARD VOLTAGE		REVERSE CURRENT		DOMINANT WAVELENGTH				VIEWING ANGLE
	I _F	MIN (mcd)	TYP (mcd)	I _F	TYP (V)	V _R	MAX (mA)	I _F	MIN (nm)	TYP (nm)	MAX (nm)	TYP (DEG)
RED	5 mA	14	35	5 mA	2.2	5V	10	5 mA	619	624	629	120
GREEN		56	110		3.3				520	527	535	116
BLUE		28	45		3.2				465	470	475	120

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	COLOR			UNITS
	RED	GREEN	BLUE	
CONTINUOUS FORWARD CURRENT	20			mA
PEAK FORWARD CURRENT (LESS THAN OR EQUAL TO 1/20 DUTY CYCLE, 1kHz)	100			mA
DERATE LINEARLY FROM 40°C	0.33			mA/°C
REVERSE VOLTAGE	5			V
STORAGE TEMPERATURE	-40 TO +100			°C
OPERATING TEMPERATURE	-40 TO +85			°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



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SCALE: 30.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18002	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64	TITLE	
DECIMALS (.XX): ±.01	0404 TRI-COLOR SMT LED	
DECIMALS (.XXX): ±.004		
DECIMALS (.XXXX): ±.0005	MATERIAL	
ANGLES: ±1°	-	
FINISH:		
-	 Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330		
SHEET 1 OF 1 FAMILY TABLE:		