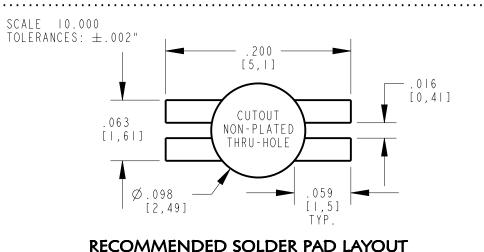


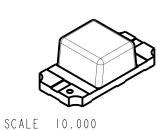
TAPING SPECIFICATIONS



RoHS COMPLIANT 597-7783-60XF

Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 597-7783-602F 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.



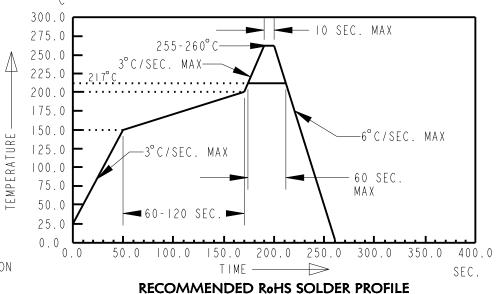
NOTES:

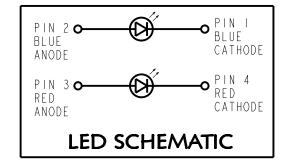
- I. DIALIGHT PART NUMBERS: 597-7783-602F & 597-7783-607F.
- 2. ... 602F SUFFIX MEANS 20 PCS ON A SAMPLE STRIP. ...607F SUFFIX MEANS PARTS PACKAGED ON 7" DIA. REEL. 3,000 PCS/REEL, ACCORDING TO EIA STD 481-1-A SPECIFICATION (CATHODE TOWARDS SPROCKET).
- 3. LED COLORS: InGaN BLUE AllnGaP RED
- 4. LED HAS A MOISTURE SENSITIVITY LEVEL OF 3.
 5. TAPE AND REEL PRODUCTS MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
- 6. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
- 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							
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS	
LUMINOUS INTENSITY	BLUE	28	45	180	mc d	lr = 20 mA	
LOMINOUS INTENSTIT	RED	28	45	112	IIIC G	TF - ZU IIIA	
DEAK WAVELENCTH	BLUE		468		0.00		
PEAK WAVELENGTH	RED		639		nm		
DOMENIANT WAVELENCTH	BLUE		470		0.00		
DOMINANT WAVELENGTH	RED		631		nm		
FORWARD VOLTACE	BLUE		3.3	3.8	V	lr = 20 mA	
FORWARD VOLTAGE	RED		2.0	2.4	V	IF - ZU MA	
REVERSE CURRENT	ALL			10	μА	Vr = 5 V	
VIEWING ANGLE	ALL		130		DEGREE		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	BLUE	RED	UNITS
POWER DISSIPATION	76	75	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, O.Ims PULSE WIDTH)	100	80	mΑ
CONTINUOUS FORWARD CURRENT	20	30	mΑ
LINEAR DERATING FROM 25°C	0.27	0.4	mA/°C
REVERSE VOLTAGE (CAN NOT BE CONTINUOUSLY OPERATED)	E)	V
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	26	0	°C
OPERATING TEMPERATURE	-20 T	0 +80	°C
STORAGE TEMPERATURE	-30 TC) + 0 0	°C

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
Α		NEW RELEASE	AJF	KLJ	NO	1 - 3 - 11







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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: 18.000	DRAWING NUMBER	REV		
ALL DIM'S IN: INCHES (MM)	C-17898	٨		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C 17030	A		
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.004	TITLE RED/BLUE BI-COLOR SMT REVERSE MOUNT	LED		
ANGLES: ±1°	MATERIAL -			
FINISH:	Dialight 1501 ROUTE,			
FSCM 83330	SHEET I OF I FAMILY TABLE:			

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LXR851SIUPGUBC LT1ED53A FAT801-S AM27ZGC03 APB3025SGNC APFA3010SURKCGKQBDC APHK1608VGCA

APT2012QGW LTST-C250KGKT LTW-010DCG LTW-020ZDCG LTW-21TS5 LTW-220DS5 LY L29K-H1J2-26 JANTXM19500/521-02

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