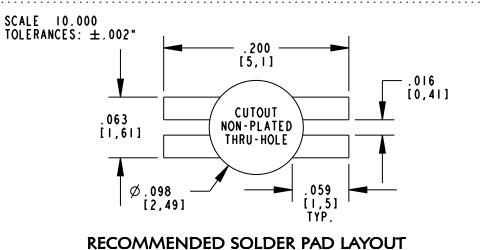
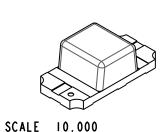


TAPING SPECIFICATIONS



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.



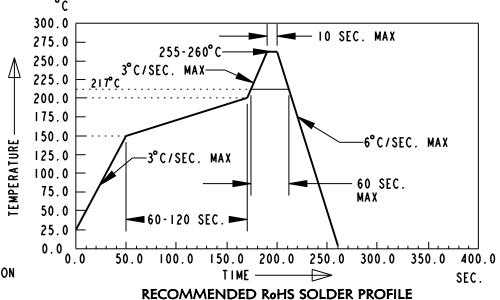
NOTES:

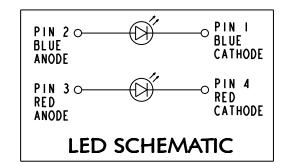
- I. DIALIGHT PART NUMBERS: 597-7783-602F & 597-7783-607F.
- 2. ...602F SUFFIX MEANS 20 PCS ON A SAMPLE STRIP.
 ...607F SUFFIX MEANS PARTS PACKAGED ON 7" DIA. REEL,
 3,000 PCS/REEL, ACCORDING TO EIA STD 481-1-A SPECIFICATION
 (CATHODE TOWARDS SPROCKET).
- 3. LED COLORS: InGaN BLUE AlingaP RED
- 4. LED HAS A MOISTURE SENSITIVITY LEVEL OF 3.
- TAPE AND REEL PRODUCTS MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
 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 CHARACTERISTIC	S AT 25°	CAMBI	NT				
LED CHARACTERISTICS	COLOR	MIN,	TYP.	MAX.	UNITS	TEST CONDITIONS	
LUMINOUS INTENSITY	BLUE	28	45	180		Ir = 20 mA	
LUMINOUS INTENSITY	RED	28	45	112	mc d	11 - 20 MA	
PEAK WAVELENGTH	BLUE		468		nm		
PEAR WAVELENGTH	RED		639		11111		
DOMINANT WAVELENGTH	BLUE		470		nm		
DOMINANI WAVELENGIH	RED		631		11111		
FORWARD VOLTAGE	BLUE		3.3	3.8	v		
PORWARD VOLTAGE	RED		2.0	2.4	٧	11 - 20 IIIA	
REVERSE CURRENT	ALL			10	μ Α	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, 0.1ms 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)	;	5	٧
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	26	50	°C
OPERATING TEMPERATURE	-20 T	0 +80	°C
STORAGE TEMPERATURE	- 30 T(+100	°C

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







83330

FSCM

ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

I OF I FAMILY TABLE:

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	FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.					
	SCALE: 18.000	DRAWING NUMBER	REV			
	ALL DIM'S IN: INCHES (MM)	C 17000	۸ ا			
	TOLERANCES: UNLESS OTHERWISE SPECIFIED	C-17898	А			
	FRACTIONS: ±1/64 DECIMALS (,XX); ±.01 DECIMALS (,XXX); ±.004	TITLE RED/BLUE BI-COLOR SMT LED REVERSE MOUNT				
	ANGLES: ±1°	MATERIAL -				
	FINISH:	Dialight 1501 ROUTE :	34 SOUTH NJ 07727			

SHEET