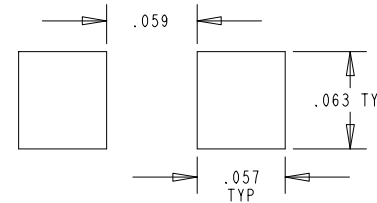
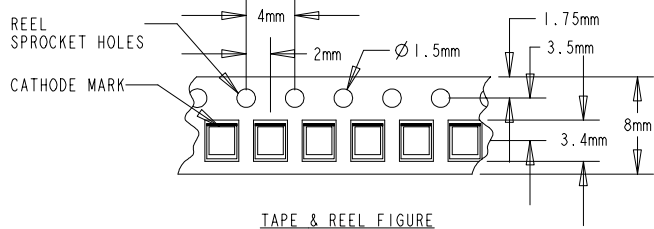
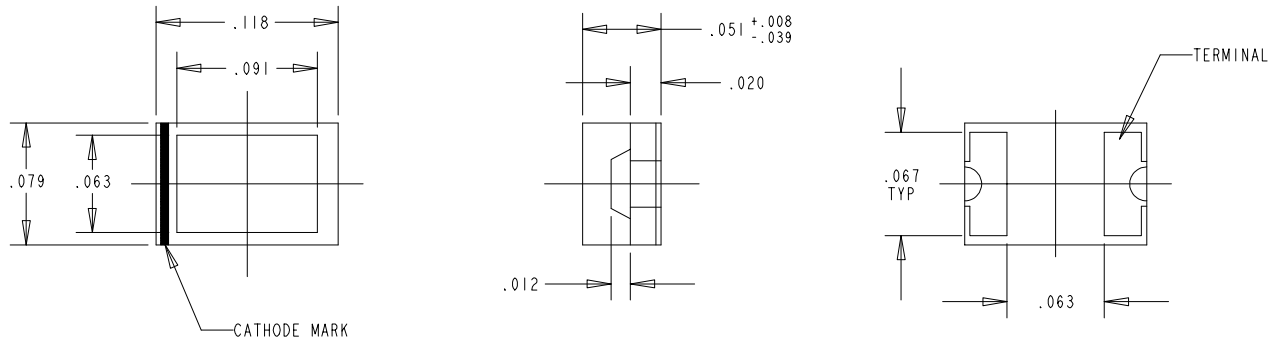


OPERATING CHARACTERISTICS AT 25 °C AMBIENT

DIALIGHT CATALOG P/N	COLOR	I _f (mA)	FORWARD VOLTAGE (V)		LUMINOUS INTENSITY (mcd)			REVERSE LEAKAGE CURRENT (μA)	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)			VIEWING ANGLE (2 θ 1/2) (DEGREES)	REVISIONS			
			TYP.	MAX.	MIN.	TYP.	MAX.	MAX.		MIN.	TYP.	MAX.		REV.	ECN.	DRN.	DATE
597-3021-507	RED	20	2.0	2.8	2.2	6.3	10.4	100	650	646	653	659	110	C	---	YIS	2-19-03
597-3111-507	BRIGHT RED	20	1.75	2.5	5.6	16.0	26.4	100	660	656	662	668	110	A	---	YIS	2-19-03
597-3211-507	ORANGE	20	2.0	2.8	3.6	10.0	16.4	100	610	604	612	618	110	A	---	YIS	2-19-03
597-3301-507	GREEN	20	2.2	2.8	5.6	25.0	44.4	100	570	565	573	581	110	C	---	YIS	2-19-03
597-3401-507	YELLOW	20	2.1	2.8	2.2	6.3	10.4	100	585	580	588	596	110	C	---	YIS	2-19-03

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	---	NEW RELEASE	MC		H.G.	9-19-97
B	---	ADDED NOTES 4 AND 5.	TC	DC	NO	6-9-99
C	---	UPDATED LED SPECS. ADDED P/N 597-3111-507; -3211-507.	YIS			



SOLDER PAD LAYOUT

NOTES:

1. EPOXY COLOR: WATER CLEAR.
2. LEADS: GOLD PLATED.
3. PARTS SUPPLIED 2500 DEVICES PER REEL.
4. TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
5. DIALIGHT PART NUMBER: 597-3XX1-507.

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	597-XXXX-507					UNITS
	3021 RED	3111 BRIGHT RED	3211 ORANGE	3301 GREEN	3401 YELLOW	
POWER DISSIPATION	70	75	70	70	70	mW
CONTINUOUS FORWARD CURRENT	25	30	25	25	25	mA
PEAK FORWARD CURRENT (PULSE WIDTH 1 ms, DUTY 20%)	60	75	60	60	60	mA
OPERATING TEMPERATURE	-30 TO +85					°C
STORAGE TEMPERATURE	-40 TO +85					°C

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SCALE 12:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-16281	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE SINGLE COLOR SMT LED	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020	Dialight	
DECIMALS (.XXX): ±.008	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
ANGLES: ±1°	FINISH:	
FINISH:	FSCM 83330	
SHEET OF	FAMILY TABLE:	