

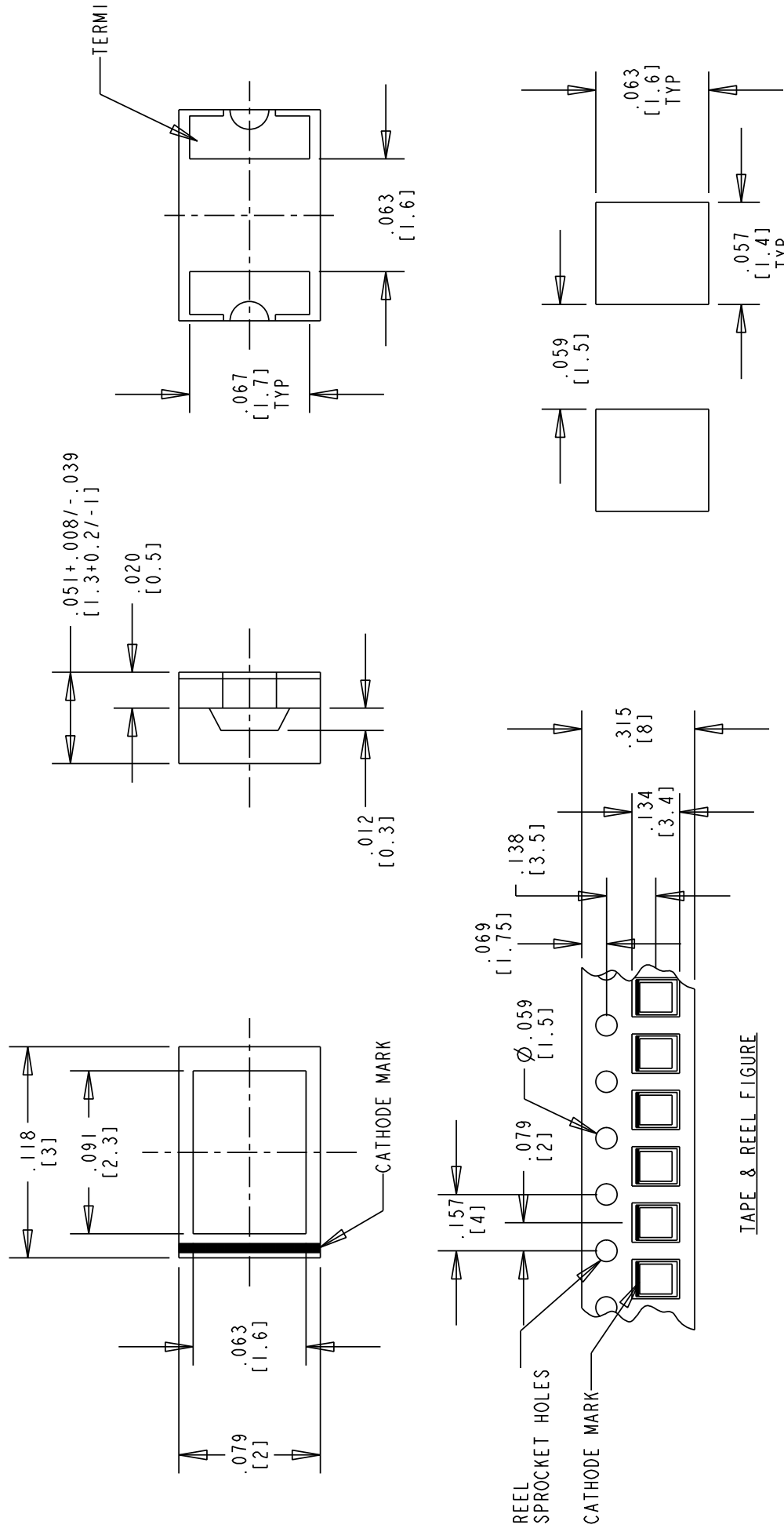


THE DATASHEET OF
5973301507F



OPERATING CHARACTERISTICS AT 25 °C AMBIENT

DIAL LIGHT CATALOG P/N	COLOR	I _F (mA)	FORWARD VOLTAGE (V)		LUMINOUS INTENSITY (mcd)		REVERSE LEAKAGE CURRENT (μA) MAX.	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)		VIEWING ANGLE (2θ) (DEGREES)	REVISIONS			
			TYP.	MAX.	MIN.	TYP.			MAX.	REV.		ECN.	DRN.	DATE	
597-3021-507F, -502F	RED	20	2.0	2.8	2.2	6.3	10.4	650	646	653	659	A	---	TWC	10-11-05
597-3111-507F, -502F	BRIGHT RED	20	1.75	2.5	5.6	16.0	26.4	660	656	662	668	A	---	TWC	10-11-05
597-3211-507F, -502F	ORANGE	20	2.0	2.8	3.6	10.0	16.4	610	604	612	618	A	---	TWC	10-11-05
597-3301-507F, -502F	GREEN	20	2.2	2.8	5.6	25.0	44.4	570	565	573	581	A	---	TWC	10-11-05
597-3401-507F, -502F	YELLOW	20	2.1	2.8	2.2	6.3	10.4	585	580	588	596	A	---	TWC	10-11-05



SOLDER PAD LAYOUT

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	597-3XX1-507F AND 597-3XX1-502F				UNITS
	3021	3111	3211	3401	
POWER DISSIPATION	RED	BRIGHT RED	ORANGE	GREEN	YELLOW
CONTINUOUS FORWARD CURRENT	70	75	70	70	mW
PEAK FORWARD CURRENT (PULSE WIDTH 1 ms, DUTY 20%)	25	30	25	25	mA
OPERATING TEMPERATURE	-30 TO +85				
STORAGE TEMPERATURE	-40 TO +85				

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