

Part Number: 5952101002F

General Description

Series	595
Configuration	2 mm Lens
Description	2MM PRISM R SAMPLE STRIP
Sizes	2mm
Lamp Type	Single Color

Operating Characteristics

Color

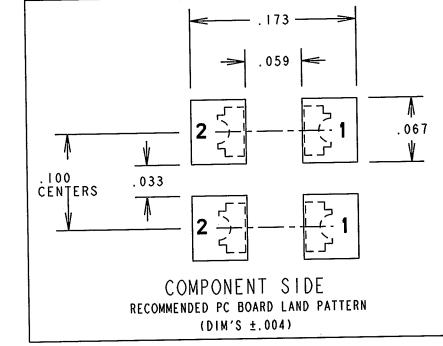
Red



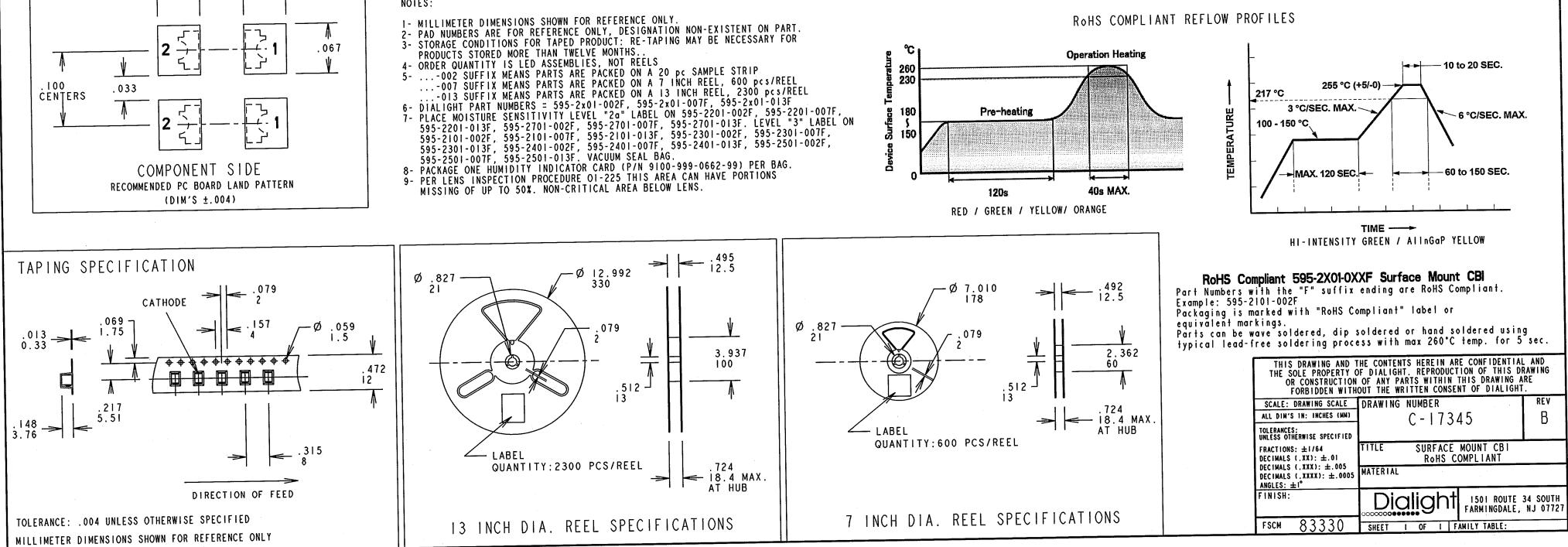


This is a RoHS Compliant Product To learn more click here

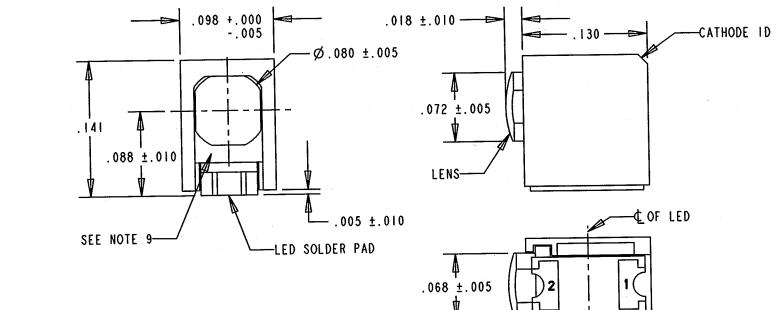
			OPERATING CH	ARACTERISTI	CS AT 25	°C AMBIE	NT					OPERATING CHA	MIN			IINITS IT	TEST CON	NDITIC
PART NUMBER	LED COLOR	CHARACTERISTICS	ULLATING ON	MIN	ТҮР	MAX	UNITS	TEST CON	DITIONS		CTERISTICS	HI.INT. GREEN		8.5				
95-2101-002F		Chanacteriorites	RED		25.0					LUMINO	US INTENSITY	AlinGaP YELLO		41.0		mc d	F =	10 mA
595-2101-007F	RED	LUMINOUS INTENSITY	GREEN		9.0		- mcd	F = 2	= 20 mA		FORWARD VOLTAGE			2.2	2.6	V	F =	20 mA
595-2101-013F			YELLOW ORANGE		9.0							AlinGaP YELLO HI, INT. GREEN		2.02	2.4		<u></u>	
95-2201-002F			RED		1.7	2.0				REVER	RSE CURRENT	AlinGaP YELLO			100	μA	Vr =	= 5 V
95-2201-007F	· · ·	FORWARD VOLTAGE	GREEN		2.1	2.5	v	r = 1	= 20 mA	HI	HI.INT. GREEN		566		nm			
			YELLOW ORANGE					PEAK	WAVELENGTH	AlinGaP YELLO	Ŵ	592						
95-2201-013F			RED	4														
95-2301-002F	F GREEN	REVERSE VOLTAGE	GREEN	4		· · · · ·	v	R =			ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT POWER DISSIPATION				DEEN			UNIT
95-2301-007F			YELLOW	4			-1							HI.INT. GREEN 65 Alingap Yellow 81				m₩
95-2301-013F			ORANGE RED	4	660									HI.INT. G		0.75		mA/*
595-2401-002F			GREEN		560		- nm			DERATE	LINEARLY FROM	175°C (* FRO	4 55°C)	AllnGaP Y	ELLOW	0.58	•	ma /
95-2401-007F	YELLOW	PEAK WAVELENGTH	YELLOW		580		-		CONTIN		CONTINUOUS FORWARD CURRENT		HI.INT. GREEN 25 Alingap Yellow 30				mA	
95-2401-013F			ORANGE		605				<u> </u>					AlinGaP Y ALL		30 - 30 TO	85	•0
595-2501-002F											ING TEMPERATURE			ALL		-40 TO		•0
595-2501-007F	ORANGE									510110								
595-2501-013F	-															1		ı
595-2701-002F				ABSOLUTE M	AXIMUM R	ATINGS A	T 25°C /	AMBIENT				UNITS				.09	98 +.000 005	2
595-2701-007F	AlinGaP YELLOW			POWER DISSIPATION					RED		60			003				
595-2701-013F									GREEN		75	mW						
393-2701 0131								YELLOW		75							1	
									ORANGE		75			. 1		- + 1 -	·	† † -
				DERATE LIN	FARLY FR	OM 25°C			RED, GRN,	YEL	0.42	mA/°C						11
				CONTINUOUS FORWARD CURRENT				RED, GRN, YEL, ORANGE RED, GRN, YEL, ORANGE		30	mA			.088 ±.	010		r	
				DEAK EORWARD CURRENT			70			mA		_	<u> </u>	<u> </u>		<u> </u>		
	PAD 2 G				(I/IO DUTY CYCLE, O.I ms PULSE WIDTH)						-30 TO +85				·	/-	A	
	ANODE	CATHODE		OPERATING TEMPERATURE					RED, GRN, YEL, ORANGE			<u></u>		SI	EE NOTE 9-	/_		· ·
	LED SCHE	MATIC		STORAGE TEMPERATURE				RED, GRN,		-30 TO 80			•				LE	
			SIOKAGE IEMPERATORE					ORANGE	:	-40 TO +100	0 °C	l						



NOTES:



REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC	N.O.	MES	1-12-06
B		MSL "3" WAS "4" IN NOTE 7, ADDED P/N'S 595-2201-002F, 595-2701-002F TO MSL "2a" IN NOTE 7, ADDED P/N'S 595-2101-002F, 595-2301-002F, 595 -2401-002F, AND 595-2501-002F TO MSL "3" IN NOTE 7, REMOVED REFLOW SOLDERING SPECS FROM ABSOLUTE MAXIMUM RATINGS.	KLJ	7,0,	K	4/15/08



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ROHS COMPLIANT REFLOW PROFILES