

300 °C	RECOMMEND	UM SOLDER PROFI ED SOLDER PROFI UM SOLDER PROFI	LE	260°C ⁺⁰ 5
250 - 255°C - 240°C - 217°C		فينع	<u></u>	260° C ⁺⁰ ₋₅ 245° C±: 235° C ⁺⁵ ₋₀
200			30 s MAX	<u> </u>
150			R / 6°	MP DOWN C/s (MAX)
100	120s MAX		IOOs MAX	
RAMP	UP s (MAX)			

RECOMMENDED RoHS COMPLIANT REFLOW PROFILE

REVISIONS

NEW RELEASE

DRN CKD APP DATE

| JTD | MES | NO | 1 - 27 - 12

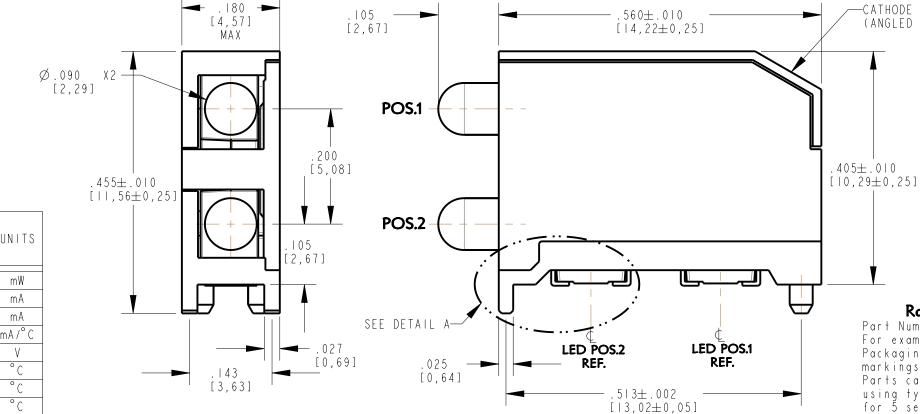
REV ECN NO

-CATHODE ID

(ANGLED SURFACE)

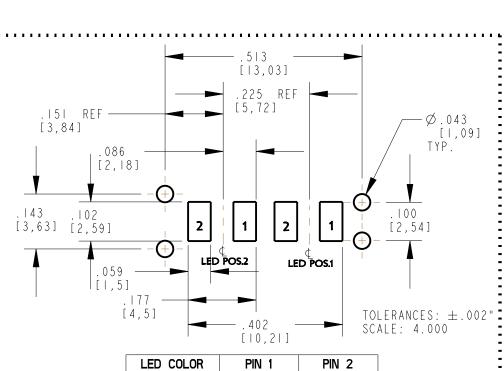
	OPERATING CHARACTERISTICS AT 25°C AMBIENT - SINGLE COLOR LEDS									
COLOR		LUMINOUS INTENSITY (mcd)		DOMINANT WAVELENGTH (nm)		PEAK WAVELENGTH (nm)	FORWARD VOLTAGE (V)		REVERSE CURRENT	
		2mA	I OmA	1				2mA		
#	DESCRIPTION	T,	ΥP	MIN	TYP	MAX	TYP	TYP	MAX	MAX
10	RED	3.8	9.8	624	630	636	6 4 3	1.8	2.2	10 @ Vr=12 V
۱3	GREEN	3.2	10.1	566	570	575	572	1.8	2.2	10 @ VR=12 V
۱4	YELLOW	4.4	11.3	580	587	594	591	1.8	2.2	10 @ VR=12 V
15	ORANGE	5.6	14.0	600	606	609	610	1.8	2.2	10 @ VR=12 V

					i
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT - SINGLE COLOR LEDs	RED	GREEN	YELLOW	ORANGE	UNITS
POWER DISSIPATION	50	40	50	50	mW
PEAK FORWARD CURRENT (1/200 DUTY CYCLE, 10μs PULSE WIDTH)		(0.0		mΑ
CONTINUOUS FORWARD CURRENT		2	0		mΑ
LINEAR DERATING AT MAX CURRENT (20mA)		O (UNDER	R 100°C)		mA/°C
REVERSE VOLTAGE	12				V
LEAD REFLOW SOLDERING TEMPERATURE (FOR 5 SEC.)	2	60 (ALSO	SEE GRAPH)	°C
OPERATING TEMPERATURE		-40 T(001+ (°C
STORAGE TEMPERATURE		- 40 T() + 0 0		°C





HANDLING ELECTROSTATIC

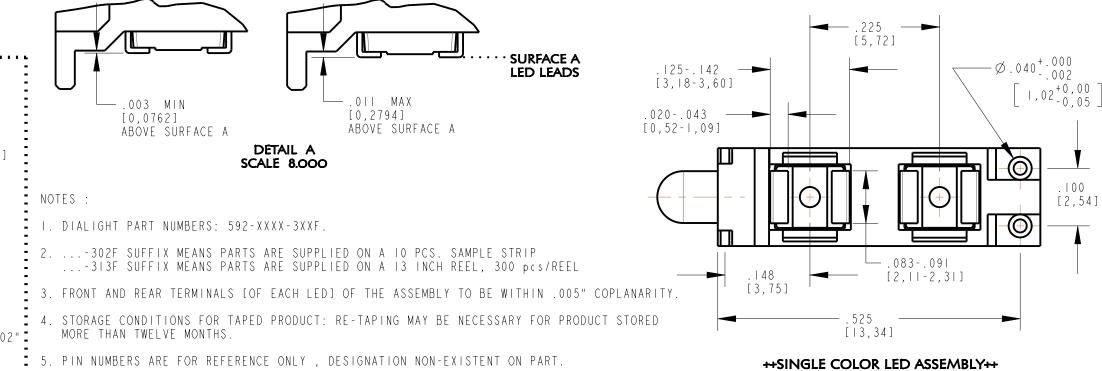


CATHODE

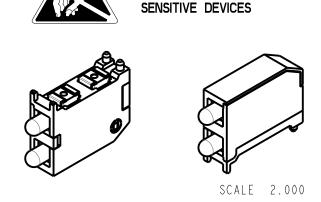
RECOMMENDED PAD LAYOUT - SINGLE COLOR

SINGLE COLOR

ANODE



6. MOISTURE SENSITIVITY LEVEL LABEL WILL BE PLACED ON BAG. CHECK CHART FOR PROPER LEVEL. 7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



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FINISH: FSCM 83330	Dialight 1501 ROUTE 3 FARMINGDALE,	
DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	RoHS COMPLIANT MATERIAL	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01	TITLE BI-LEVEL PRISM	
TOLERANCES: UNLESS OTHERWISE SPECIFIED	0 17334	
ALL DIM'S IN: INCHES (MM)	C-17954	٨
SCALE: 2.000	DRAWING NUMBER	REV
FORBIDDEN WITH	OUT THE WRITTEN CONSENT OF DIALIGHT	