



SCHMATIC

BI-COLOR LED						
OPERATING CHARACTERISTICS AT $T_A = 25^\circ C$						
PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
FORWARD VOLTAGE	RED		1.8	2.4	V	$I_F = 20 \text{ mA}$
	GREEN		2.1	2.8		
PEAK WAVELENGTH	RED		660		nm	MEASURED AT PEAK
	GREEN		565			
LUMINOUS INTENSITY	RED	14	60		mcd	$I_F = 20 \text{ mA}$
	GREEN	9	20			
CONTINUOUS FORWARD CURRENT	RED		40		mA	
	GREEN		30			
REVERSE CURRENT	RED			100	mA	$V_R = 5 \text{ v}$
	GREEN					
VIEWING ANGLE ( $2\theta_{1/2}$ )	RED		80		deg.	
	GREEN					
CAPACITANCE	RED		30		pF	$V_C = 0; f = 1 \text{ MHz}$
	GREEN		35			
ABSOLUTE MAXIMUM RATINGS AT $25^\circ C$ .		RED	GREEN	UNITS		
POWER DISSIPATION		100	100	mW		
DERATE LINEARY FROM $25^\circ$		.5	.4	$\text{mA}/^\circ C$		
PEAK FORWARD CURRENT		200	120	mA		
REVERSE VOLTAGE		4	5	V		
OPERATING TEMPERATURE RANGE		-55 TO +100		$^\circ C$		
STORAGE TEMPERATURE		-55 TO +100		$^\circ C$		

NOTE:

1. THIS PRODUCT REQUIRES EXTERNAL RESISTOR. (NO RESISTOR IN THIS PACKAGE).
2. LIGHT COLOR: RED & GREEN. RED WIRE TO (+) RED LIGHT ON GREEN WIRE TO (+) GREEN LIGHT ON.
3. WIRE LEADS: 24 AWG, 7/32 STRANDED PRE-BONDED, TYPE C MIL-W-168780 UL STYLE 1569; CSA TR-64. INSULATION PVC WITH VW-1 FLAME TEST APPROVED DESIGNATION.

A	NEW RELEASE	L.R.	7.0.	2-18-97
LTR	ECN NO.	REVISIONS	DRN.	APP. DATE
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SCALE: 1:1		CUSTOMER DRAWING NO.	DWG. REV.	
TOLERANCES: UNLESS OTHERWISE SPECIFIED ALL DIM'S IN: INCHES MM		C-16193	A	
FRACTIONS: $\pm 1/64$ DECIMALS(.XX) $\pm .020$ DECIMALS(.XXX) $\pm .015$ ANGLES $\pm 3^\circ$		TITLE RED/GREEN BI-COLOR VDC LED PANEL MOUNT 2 LEADS INDICATOR		
FINISH:		PART NUMBER 557-0001-806		
FSCM 83330		Dialight 1913 Atlantic Ave. Manasquan, NJ 08736		