



SCHMATIC

BI-COLOR LED						
OPERATING CHARACTERISTICS AT T <sub>A</sub> =25 C°						
PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
FORWARD VOLTAGE	RED		1.8	2.4	V	I <sub>F</sub> = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	RED		660		nm	MEASURED AT PEAK
	GREEN		565			
LUMINOUS INTENSITY	RED	14	60		mcd	I <sub>F</sub> = 20 mA
	GREEN	9	20			
CONTINUOUS FORWARD CURRENT	RED		40		mA	
	GREEN		30			
REVERSE CURRENT	RED			100	mA	V <sub>R</sub> = 5 v
	GREEN					
VIEWING ANGLE (2Θ <sub>1/2</sub> )	RED		80		deg.	
	GREEN					
CAPACITANCE	RED		30		pF	V <sub>F</sub> = 0; f = 1 MHz.
	GREEN		35			
ABSOLUTE MAXIMUM RATINGS AT 25°C.		RED	GREEN	UNITS		
POWER DISSIPATION		100	100	mW		
DERATE LINEARY FROM 25°		.5	.4	mA/°C		
PEAK FORWARD CURRENT		200	120	mA		
REVERSE VOLTAGE		4	5	V		
OPERATING TEMPERATURE RANGE		-55 TO +100		°C		
STORAGE TEMPERATURE		-55 TO +100		°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. 7.8. 2-18-97
LTR	ECN NO.	REVISIONS
THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE PRIOR WRITTEN CONSENT OF DIALIGHT.		
SCALE: 1:1		CUSTOMER DRAWING NO.
TOLERANCES: UNLESS OTHERWISE SPECIFIED ALL DIM'S IN: INCHES MM		DWG. REV. A
FRACTIONS: ± 1/64 DECIMALS(.XX) ± .020 DECIMALS(.XXX) ± .015 ANGLES ± 3°		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