



BI-COLOR LED						
OPERATING CHARACTERISTICS AT $T_A = 25^\circ\text{C}$						
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°C .		RED	GREEN	UNITS		
POWER DISSIPATION		100	100	mW		
DERATE LINEARY FROM 25°		.5	.4	$\text{mA}/^\circ\text{C}$		
PEAK FORWARD CURRENT		200	120	mA		
REVERSE VOLTAGE		4	5	V		
OPERATING TEMPERATURE RANGE		-55 TO +100		$^\circ\text{C}$		
STORAGE TEMPERATURE		-55 TO +100		$^\circ\text{C}$		

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