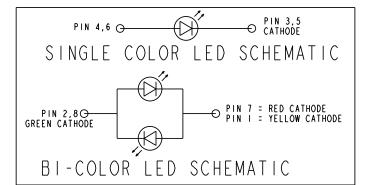
PART NUMBER		LED (COLOR	
	POSITION I	POSITION 2	POSITION 3	POSITION 4
568-0731-822F	RED / GREEN	GREEN	GREEN	YELLOW / GREEN



REV	REV ECN NO REVISIONS			CKD	APP	DATE
Α		NEW RELEASE	TWC	Ν.Ο.	MES	11-14-05
В		568-0731-822F RoHS NOTE WAS 586-0731-522F	TWC			

.170 MAX	.015 ±.015
POS	
POS	.650 REF
POS	3
.100 REF POS.	4
	.145 ±.010
SEE PIN 1.3.5.7	.245 ±.010 .075 ±.010 ———————————————————————————————————
.100 ±.010	.225 ±.010 ===================================
	2 4 6 8

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT	GREEN	RED/GRN	YEL/GRN	UNITS
POWER DISSIPATION	100	100	60/100	mW
DERATE LINEARLY FROM 50 °C	0.4	0.4	0.25/0.4	mA/°C
CONTINUOUS FORWARD CURRENT	30	30	20/30	mΑ
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	120	80/120	mΑ
REVERSE VOLTAGE	5	5		٧
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		°C		
OPERATING TEMPERATURE		°C		
STORAGE TEMPERATURE		•C		

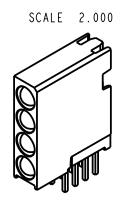
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
	GREEN	4.7	12.6			
LUMINOUS INTENSITY	RED/GREEN	2.5/3.7	4.7/10.0		mc d	1 r = 10 mA
	YELLOW/GREEN	2.5	4.3/6.3			
	GREEN		2.1	2.8		
FORWARD VOLTAGE	RED/GREEN		2.0/2.1	2.8	V	lr = 20 mA
	YELLOW/GREEN					
	GREEN		565		nm	
PEAK WAVELENGTH	RED/GREEN		635/565			
	YELLOW/GREEN		585/565			
	GREEN		60			
VIEWING ANGLE (2 q 1/2)	RED/GREEN		60		Degree	
	YELLOW/GREEN		80			
	GREEN			100		
REVERSE CURRENT	RED/GREEN				m A	V F = 5V
	YELLOW/GREEN					

RoHS Compliant 568-0731-822F 4 X 1 Thru hole CBI Block

Part Numbers with the "F" suffix ending are RoHS Compliant. Example: 568-0731-822F

Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

RECOMMENDED HOLE PATTERN
.245 REF
O O O O O O
.150 ±.002 Ø.043 ±.002
. 225 ±.002



NOTES:

- I- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- 3- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- 4- LED LEAD THICKNESS =
 - .020 NOM. = RED / GREEN
 - .016 X .018 = GREEN .016 X .018 = YELLOW / GREEN
- 5 PACKAGING =
- BLOCKS PLACED IN AN ANTISTATIC BAG 6- DIALIGHT PART NUMBERS = 568-0731-822F

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 WRITTEN CONSENT OF DIALIGHT.

I ONDIDULIN WITH	IOUT THE WINTELL CONSENT OF DIALIOHT.
SCALE: 4.000	DRAWING NUMBER REV
ALL DIM'S IN: INCHES (MM)	C 17330
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C-17328 B
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005	TITLE 4xI CBI BLOCKI50 PITCH R/G, G, G, Y/G RoHS COMPLIANT MATERIAL
ANGLES: ±1°	
FINISH:	Dialight 1501 ROUTE 34 SOUTH
FSCM 83330	SHEET I OF I FAMILY TABLE:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

568-0731-822F