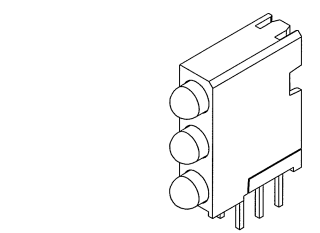
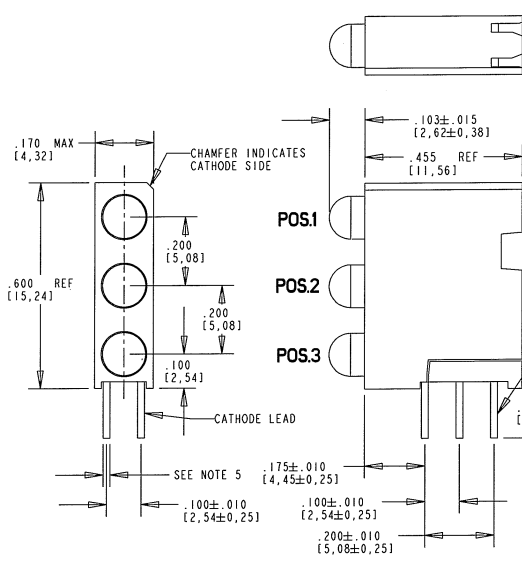


PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
	564-0100-822F	BLUE WATER CLEAR	YELLOW WATER CLEAR

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	180	320		mcd	Ir = 20 mA
	GREEN	280		710		Ir = 10 mA
	BLUE	110		310		Ir = 20 mA
FORWARD VOLTAGE	YELLOW		2.0	2.4	V	Ir = 20 mA
	GREEN		2.7	3.0		Ir = 10 mA
	BLUE		3.5	4.0		Ir = 20 mA
REVERSE CURRENT	YELLOW			100	µA	Va = 5 V
	GREEN			.01		
	BLUE			10		
PEAK WAVELENGTH	YELLOW			588	nm	
	GREEN			523		
	BLUE			470		
VIEWING ANGLE	YELLOW			56	Degree	
	GREEN			30		
	BLUE			45		

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	ALV	MES	N.O.	10-27-06
B		CHANGED HEIGHT .544 WAS .600.	ALV	N.O.	MES	10-4-06
C		UPDATED YELLOW LED SPECIFICATIONS	SM	N.O.	MES	11-14-06
D		UPDATED BLUE LED SPECIFICATIONS	KLJ	N.O.	MES	2-7-08
E		UPDATED GREEN LED SPECS. ADDED METRIC DIMENSIONS.	KLJ	7.8	4/4/08	

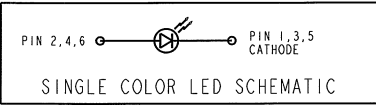


- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
 - WHEN A ZERO APPEARS IN THE LAST 3 DIGITS OF THE PART NUMBER THIS MEANS NO LAMP REQUIRED IN THAT POSITION.
 - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
 - PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
 - BLUE, GREEN: .020 SQ; YELLOW: .018 x .016
 - DIALIGHT PART NO. 564-0100-822F

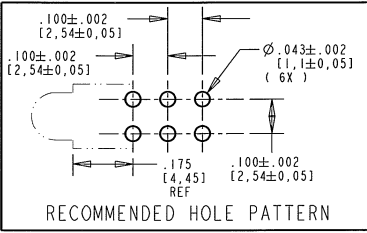
ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

RoHS Compliant 564-0100-822F Thru hole TriLevel CBI

Part Numbers with the "F" suffix ending are RoHS Compliant. Part 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.



ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES



ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS	YELLOW	GREEN	BLUE
POWER DISSIPATION		mW	75	80	140
CONTINUOUS FORWARD CURRENT		mA	30	20	30
DERATING LINEAR FROM 50°C / 25°C FOR BLUE / 65°C FOR GREEN		mA/°C	0.4	0.57	0.32
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		mA	60	—	100
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		°C	260		
OPERATING TEMPERATURE		°C	-40 TO +100	-55 TO +100	-35 TO +85
STORAGE TEMPERATURE		°C	-55 TO +100		

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.		
SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17437	E
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3 X 1 CBI BLOCK B, Y, G	
FRACTIONS: ±1/64	RoHS COMPLIANT	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	Dialight	
ANGLES: ±1°	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FINISH:	FSCN 83330	
SHEET 1 OF 1 FAMILY TABLE:		