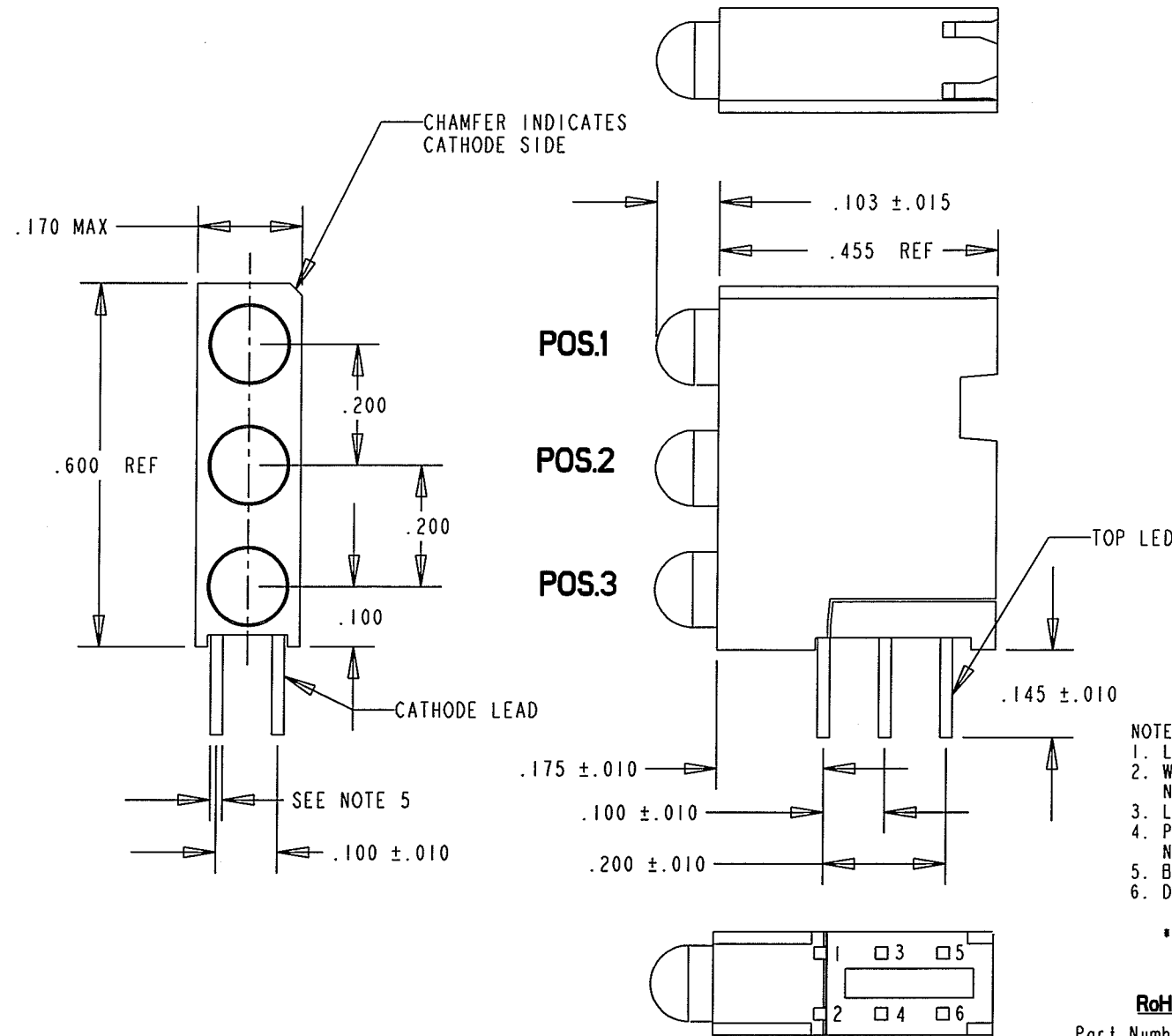


PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-0100-824F	BLUE DIFFUSED	YELLOW DIFFUSED	GREEN WATER CLEAR

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	ALV	N.O.	MES	2-22-07
B	—	ADDED GREEN DERATING RATING, REMOVED GREEN TYP LUM. INT. VALUE, ADDED GREEN MAX LUM. INT. VALUE, GREEN MIN VF "2.7" WAS "2.9", GREEN TYP VF "3.0" WAS "3.3", GREEN MAX VF "3.7" WAS "3.9", ADDED TEST CONDITIONS.	KLJ	na	[Signature]	4/4/08

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	74	100		mcd	$I_F = 10 \text{ mA}$
	GREEN	280		710		
	BLUE	6.3		20		
FORWARD VOLTAGE	YELLOW		2.1	2.8	V	$I_F = 20 \text{ mA}$
	GREEN		2.7	3.0		$I_F = 10 \text{ mA}$
	BLUE		3.5	4.2		$I_F = 10 \text{ mA}$
REVERSE CURRENT	YELLOW			100	$\mu\text{A}$	$V_R = 5 \text{ V}$
	GREEN		.01	10		
	BLUE			10		
PEAK WAVELENGTH	YELLOW		585		nm	
	GREEN		523			
	BLUE		428			
VIEWING ANGLE	YELLOW		60		DEG	
	GREEN		30			
	BLUE		70			

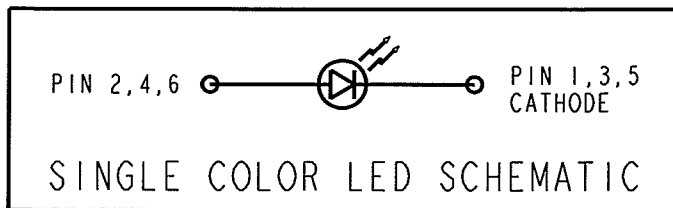


- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
  - WHEN A ZERO APPEARS IN THE LAST 3 DIGITS OF THE PART NUMBER THIS MEANS NO LAMP REQUIRED IN THAT POSITION.
  - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
  - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
  - BLUE, GREEN: .020 SQ; YELLOW: .018 x .016
  - DIALIGHT PART NO. 564-0100-824F

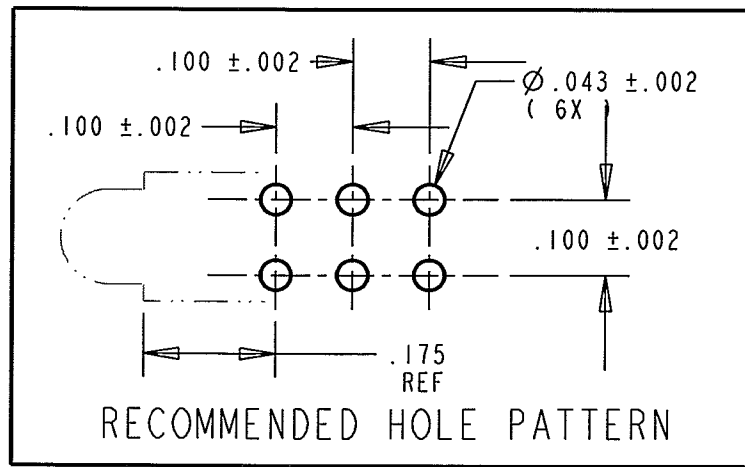
\* ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.

**RoHS Compliant 564-0100-824F Thru hole Tri-level CBI**

Part Numbers with the "F" suffix ending are RoHS Compliant. The bag 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 RATINGS AT 25°C AMBIENT	UNITS	YELLOW	GREEN	BLUE
POWER DISSIPATION	mW	60	80	100
CONTINUOUS FORWARD CURRENT	mA	20	20	20
DERATING LINEAR FROM 50°C / 65°C FOR GREEN	mA/°C	.25	0.57	.44
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	80	—	128
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260		
OPERATING TEMPERATURE	°C	-55 TO +100		-40 TO +100
STORAGE TEMPERATURE	°C	-55 TO +100		-40 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 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17450	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3 X 1 CBI BLOCK B, Y, G RoHS COMPLIANT	MATERIAL
FINISH:		
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		