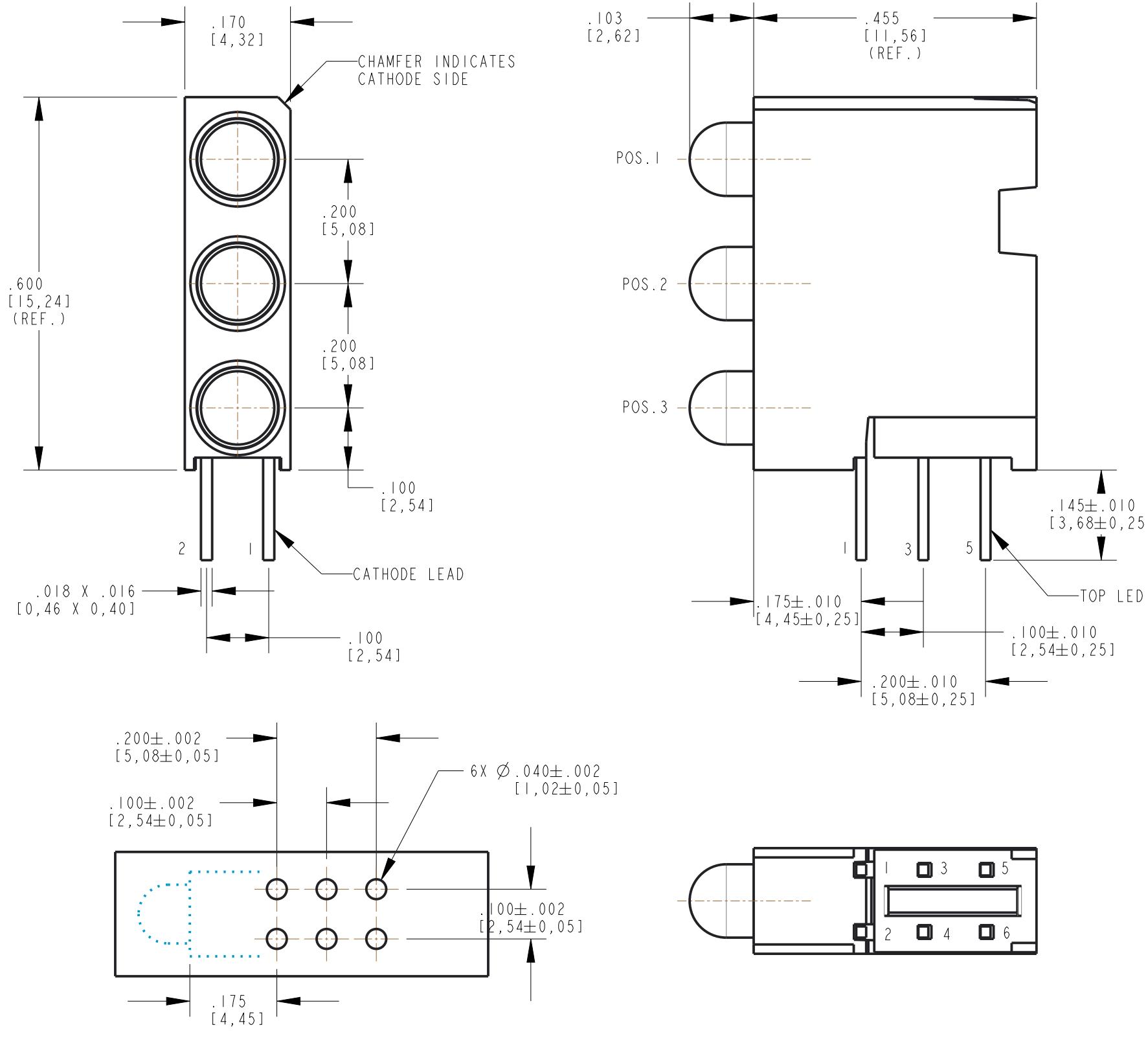


PART NUMBER	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-0100-838F	GREEN WATER CLEAR	YELLOW WATER CLEAR	RED WATER CLEAR

REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	122393	NEW RELEASE	LD	CS				9-16-24



RECOMMENDED HOLE PATTERN GAUGE

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	599	3000	6057	mcd	$I_F = 20$ mA
	YELLOW	180	320	880		
	RED	110	180	520		
DOMINANT WAVELENGTH	GREEN		525		nm	
	YELLOW	586	589	592		
	RED		631			
FORWARD VOLTAGE	GREEN		3.5	4.0	mcd	$I_F = 20$ mA
	YELLOW		2.0	2.4		
	RED		2.0	2.4		
VIEWING ANGLE	GREEN		45		deg.	
	YELLOW		56			
	RED		56			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT				
PARAMETERS	GREEN	YELLOW	RED	UNITS
POWER DISSIPATION	120	75	75	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	100	60	90	mA
CONTINUOUS FORWARD CURRENT	30	30	30	mA
LINEAR DERATING FROM (30°C=GREEN, 70°C=YELLOW, 50°C=RED)	0.50	0.40	0.40	mA/°C
REVERSE VOLTAGE (IR = 100uA)	5	5	5	V
LEAD SOLDERING TEMPERATURE (.079" [2 mm] FROM BODY) FOR 5 SEC	260	260	260	°C
OPERATING TEMPERATURE	-25 TO +80	-40 TO +100	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100	-55 TO +100	-55 TO +100	°C

NOTES:

1. LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN GAUGE
2. LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
3. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
4. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE (RoHS COMPLIANT).

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 5640100838F-A.7
SCALE: 5.000
ALL DIM's: INCH (mm)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: $\pm 1/64$
DECIMALS (.XX): $\pm .01$
DECIMALS (.XXX): $\pm .005$
DECIMALS (.XXXX): $\pm .0005$
ANGLES: $\pm 1^\circ$
FINISH
DRAWING NUMBER
C-18768
REV
A
TITLE
3X1 CBI BLOCK
MATERIAL
SEE MAPICS
Dialight
1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com
FSCM 83330
SHEET 1 OF 1 FAMILY TABLE

ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

