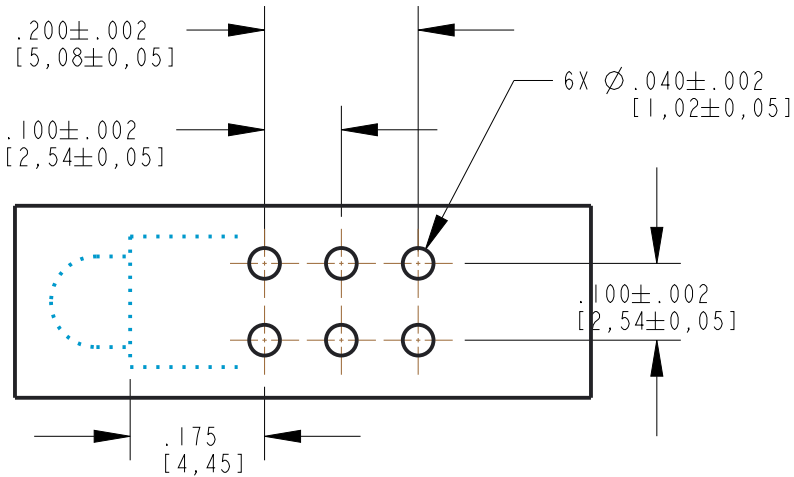
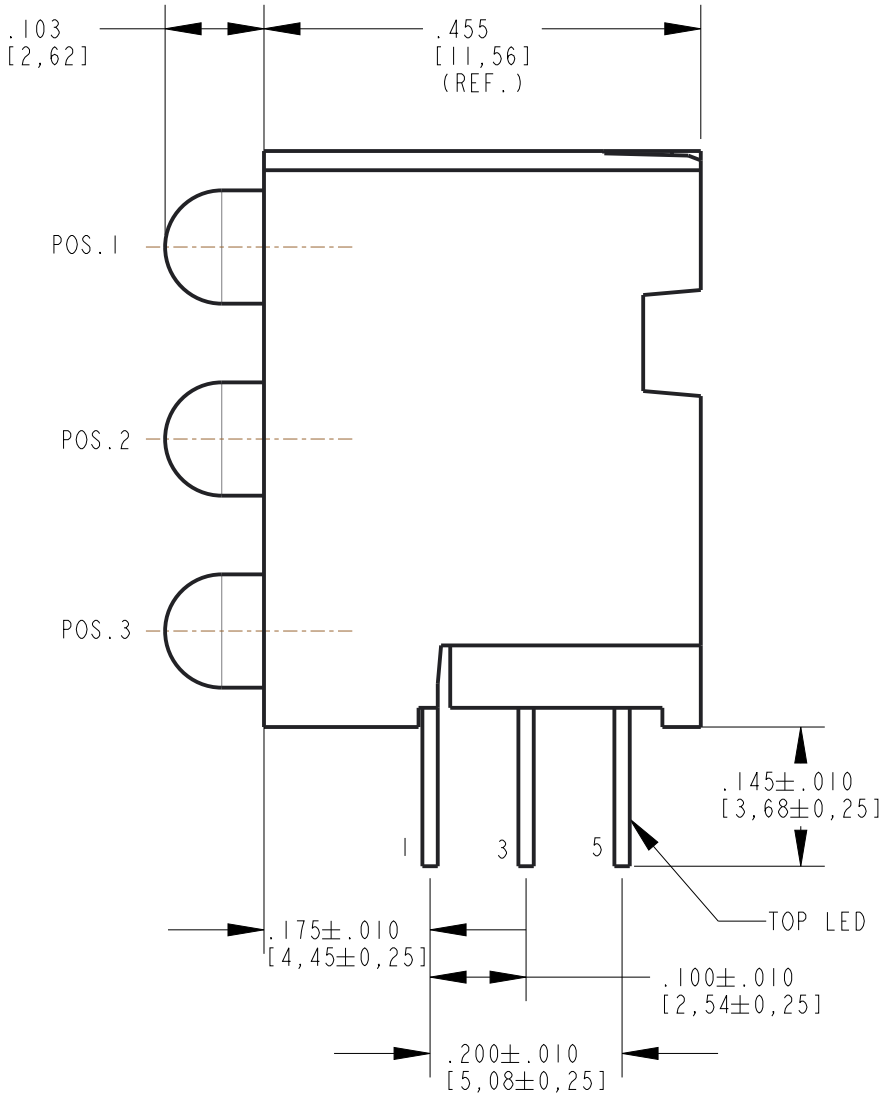
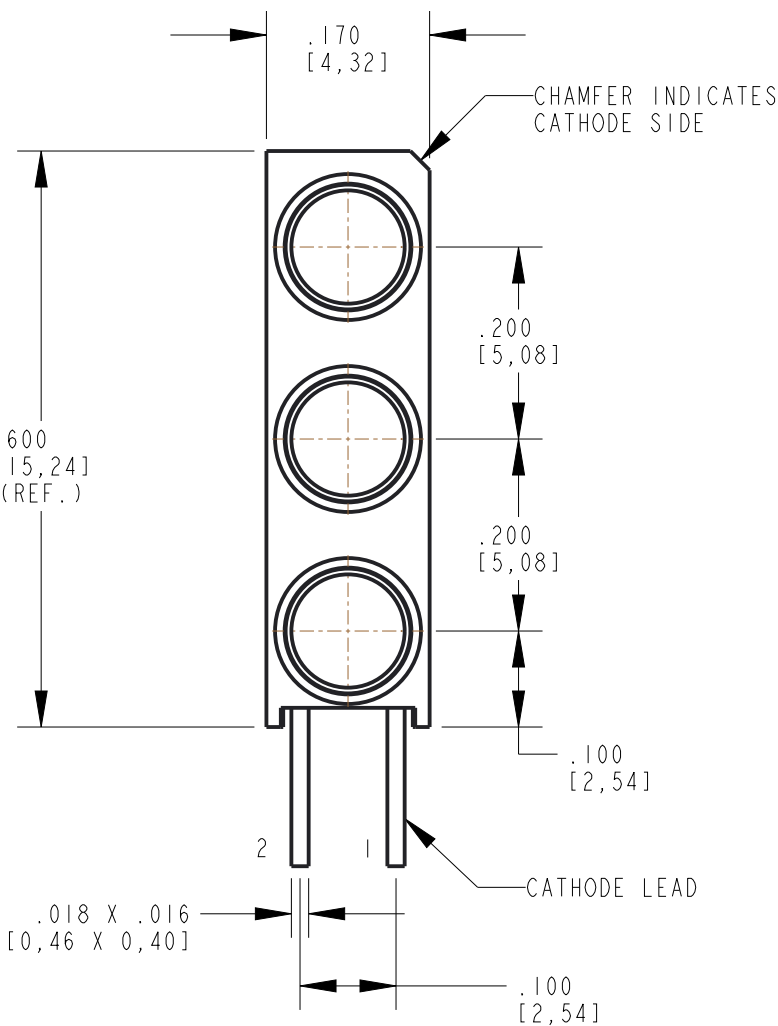


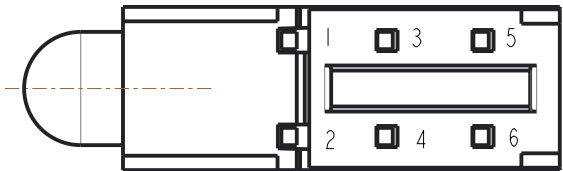
PART NUMBER	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
	GREEN WATER CLEAR	YELLOW WATER CLEAR	RED WATER CLEAR

564-0100-838F

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



RECOMMENDED HOLE PATTERN GAUGE



ATTENTION:  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	599	3000	6057	mcd	$I_F = 20 \text{ mA}$
	YELLOW	180	320	880		
	RED	110	180	520		
DOMINANT WAVELENGTH	GREEN		525		nm	
	YELLOW		589	592		
	RED		631			
FORWARD VOLTAGE	GREEN		3.5	4.0	mcd	$I_F = 20 \text{ mA}$
	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:

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

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.		
DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 5640100838F-A.7		
SCALE: 5.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH		
FSCM 83330		

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DIALIGHT

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3X1 CBI BLOCK

SEE MAPICS

FAMILY TABLE: