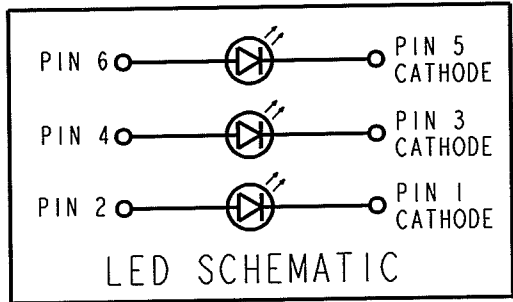
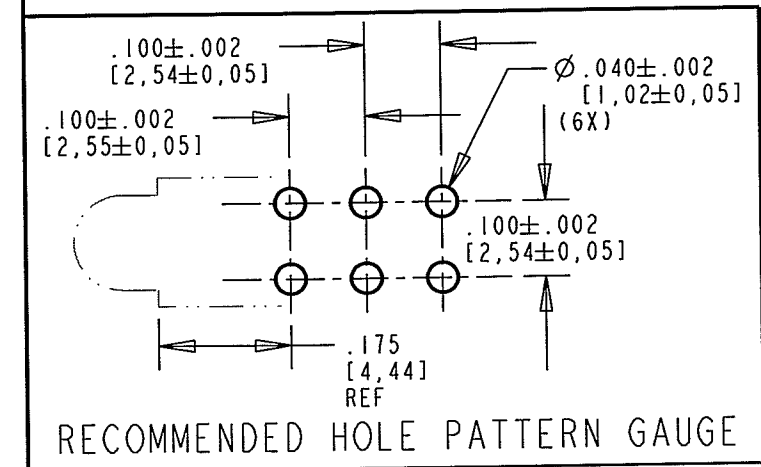


PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-2200-101F	RED NON-DIFFUSED	** BLANK **	RED NON-DIFFUSED
564-2200-202F	GREEN NON-DIFFUSED	** BLANK **	GREEN NON-DIFFUSED
564-2200-222F	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
564-2200-223F	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	YELLOW NON-DIFFUSED
564-2200-233F	GREEN NON-DIFFUSED	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED
564-2200-332F	YELLOW NON-DIFFUSED	YELLOW NON-DIFFUSED	GREEN NON-DIFFUSED



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	I _F = 10 mA
	GREEN	12.6	40			I _F = 10 mA
	YELLOW	19	70			I _F = 20 mA
FORWARD VOLTAGE	RED		2.0	2.6	V	I _F = 20 mA
	GREEN		2.1	2.6		
	YELLOW		2.1	2.6		
REVERSE VOLTAGE	ALL	5.0			V	I _R = 100 µA
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
VIEWING ANGLE	ALL		45		DEG	I _F = 10 mA
CAPACITANCE	RED		20		pF	V = 0; f = 1 MHz
	GREEN		35			
	YELLOW		15			

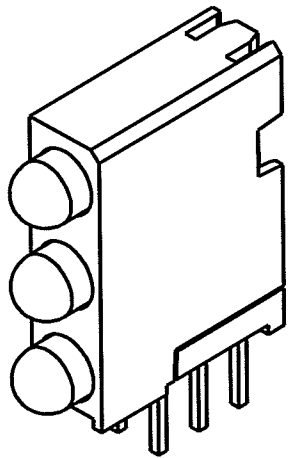
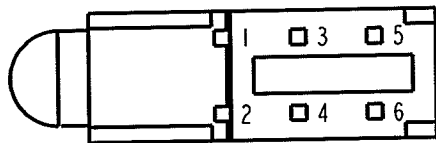
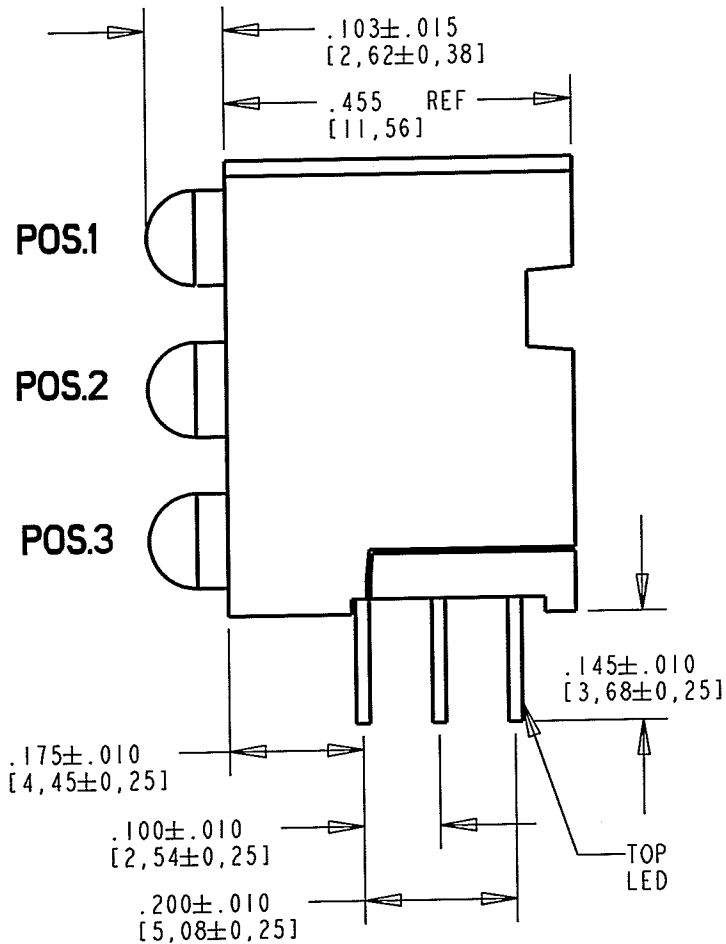
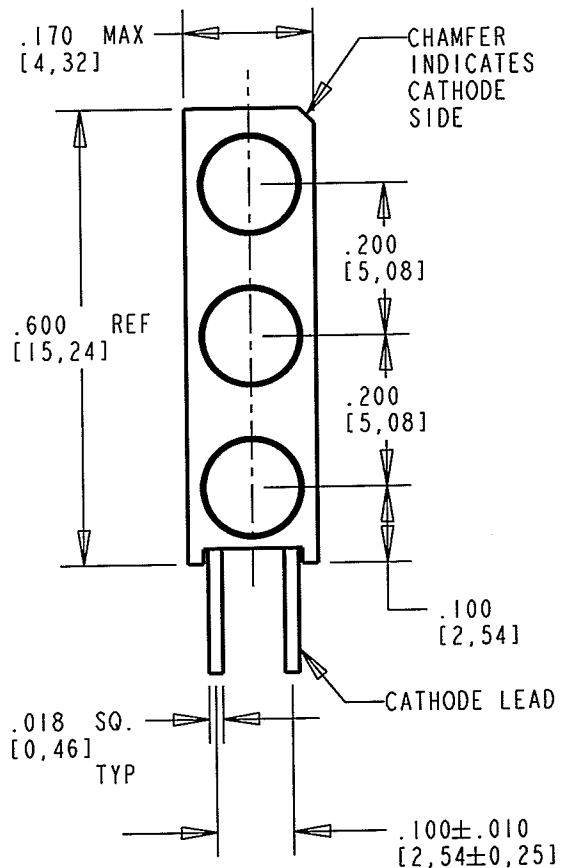


ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				UNITS	RED	GREEN	YELLOW
POWER DISSIPATION				mW	100	100	60
DERATE LINEARLY FROM 50°C				mA/°C	0.4	0.4	0.25
CONTINUOUS FORWARD CURRENT				mA	30	30	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)				mA	120	120	80
PEAK REVERSE VOLTAGE				V	5		
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BASE				°C	260		
OPERATING TEMPERATURE				°C	-55 TO +100		
STORAGE TEMPERATURE				°C	-55 TO +100		

RoHS COMPLIANT 564-2200-XXXF

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 564-2200-222F

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.



NOTES:

- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 564-2200-101F, -202F, -222F, -223F, -233F, AND -332F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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-17621		A	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE STANDARD 3X1 CBI BLOCK RoHS COMPLIANT			
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°					
FINISH:		MATERIAL			
		Dialight		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330		SHEET 1 OF 1		FAMILY TABLE:	

Mouser Electronics

Authorized Distributor

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

Dialight:

[564-2200-202F](#) [564-2200-233F](#) [564-2200-101F](#) [564-2200-332F](#) [564-2200-223F](#) [564-2200-222F](#)