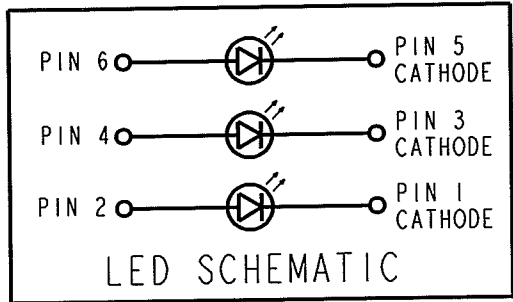
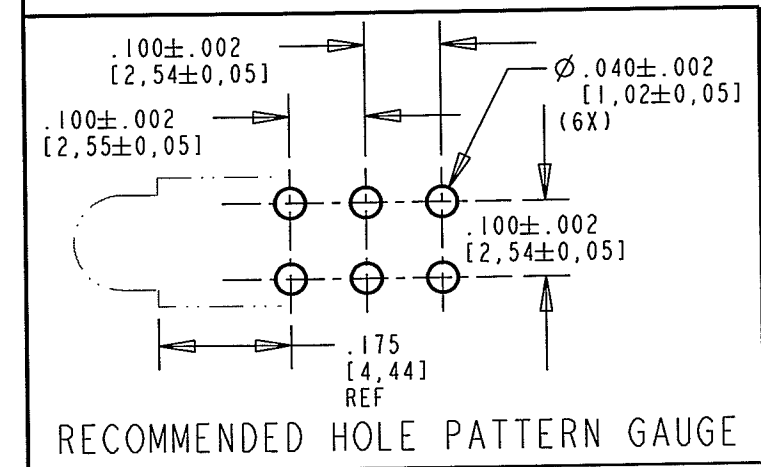


PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-2200-101F	RED NON-DIFFUSED	** BLANK **	RED NON-DIFFUSED
564-2200-202F	GREEN NON-DIFFUSED	** BLANK **	GREEN NON-DIFFUSED
564-2200-222F	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED	GREEN NON-DIFFUSED
564-2200-223F	GREEN NON-DIFFUSED	GREEN 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	$I_F = 10 \text{ mA}$
	GREEN	12.6	40			$I_F = 10 \text{ mA}$
	YELLOW	19	70			$I_F = 20 \text{ mA}$
FORWARD VOLTAGE	RED		2.0	2.6	V	$I_F = 20 \text{ mA}$
	GREEN		2.1	2.6		
	YELLOW		2.1	2.6		
REVERSE VOLTAGE	ALL	5.0			V	$I_R = 100 \text{ }\mu\text{A}$
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
VIEWING ANGLE	ALL		45		DEG	$I_F = 10 \text{ mA}$
CAPACITANCE	RED		20		pF	$V = 0;$ $f = 1 \text{ MHz}$
	GREEN		35			
	YELLOW		15			

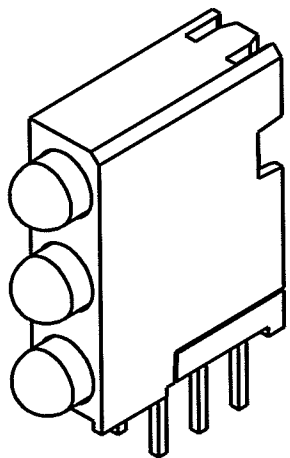
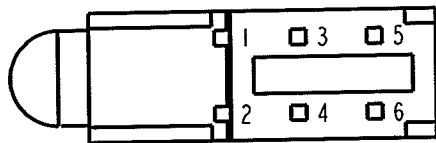
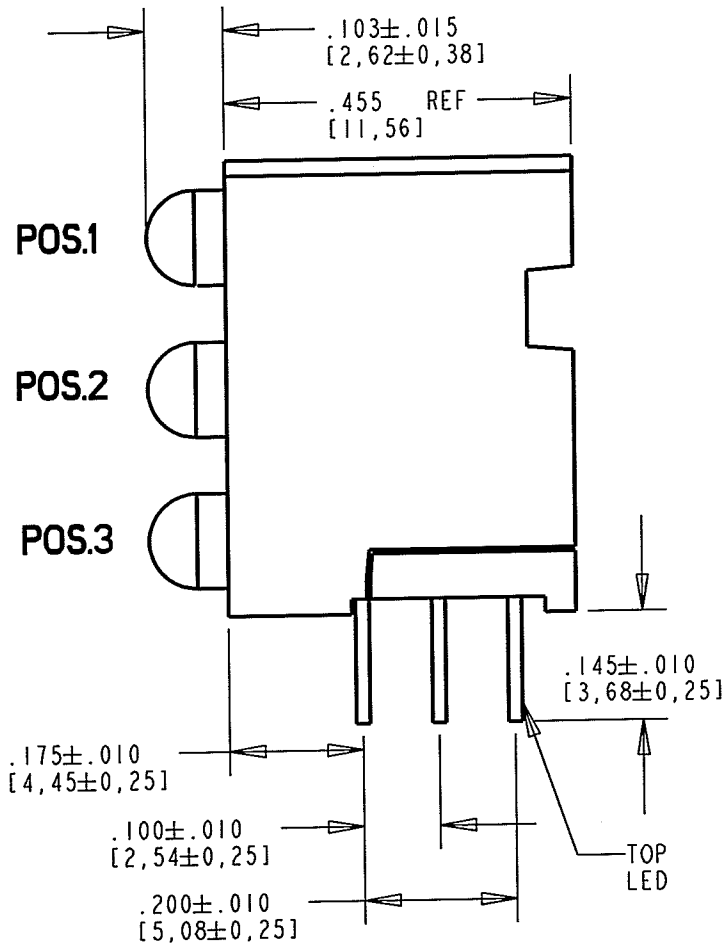
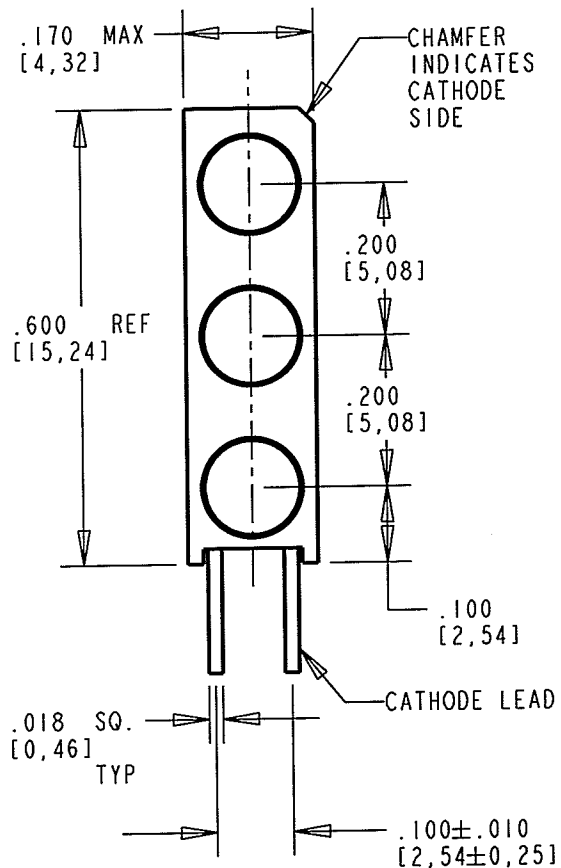


ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				UNITS	RED	GREEN	YELLOW
POWER DISSIPATION				mW	100	100	60
DERATE LINEARLY FROM 50°C				mA/°C	0.4	0.4	0.25
CONTINUOUS FORWARD CURRENT				mA	30	30	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)				mA	120	120	80
PEAK REVERSE VOLTAGE				V	5		
LEAD 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

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SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17621	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE STANDARD 3XI CBI BLOCK RoHS COMPLIANT	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL	
FINISH:	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](#)