

NOTES:

1. LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
2. LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
3. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
4. DIALIGHT PART NUMBER: 564-2210-293F
5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS Compliant 564-2210-293F

Part Numbers with the "F" suffix ending are RoHS Compliant. 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.



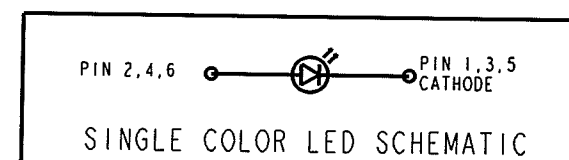
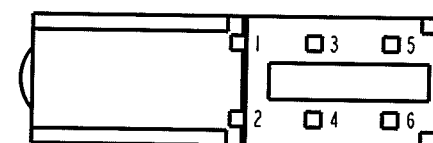
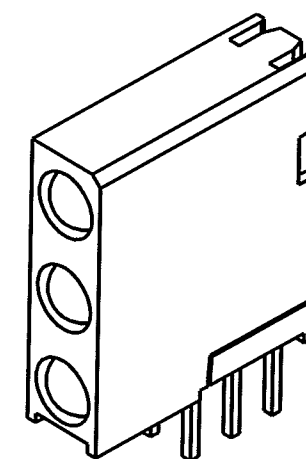
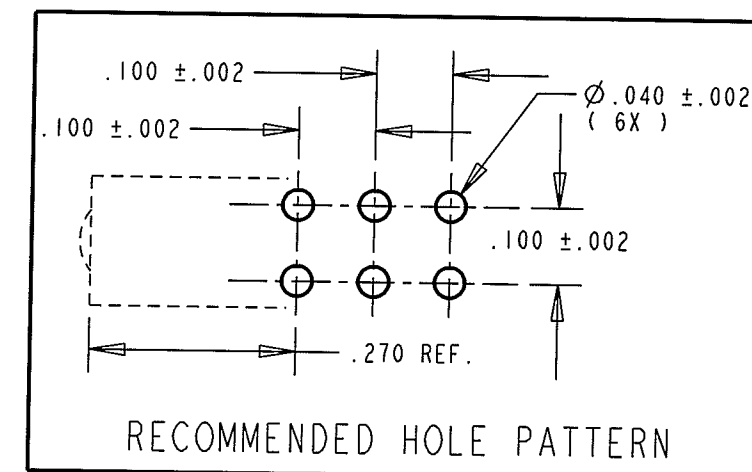
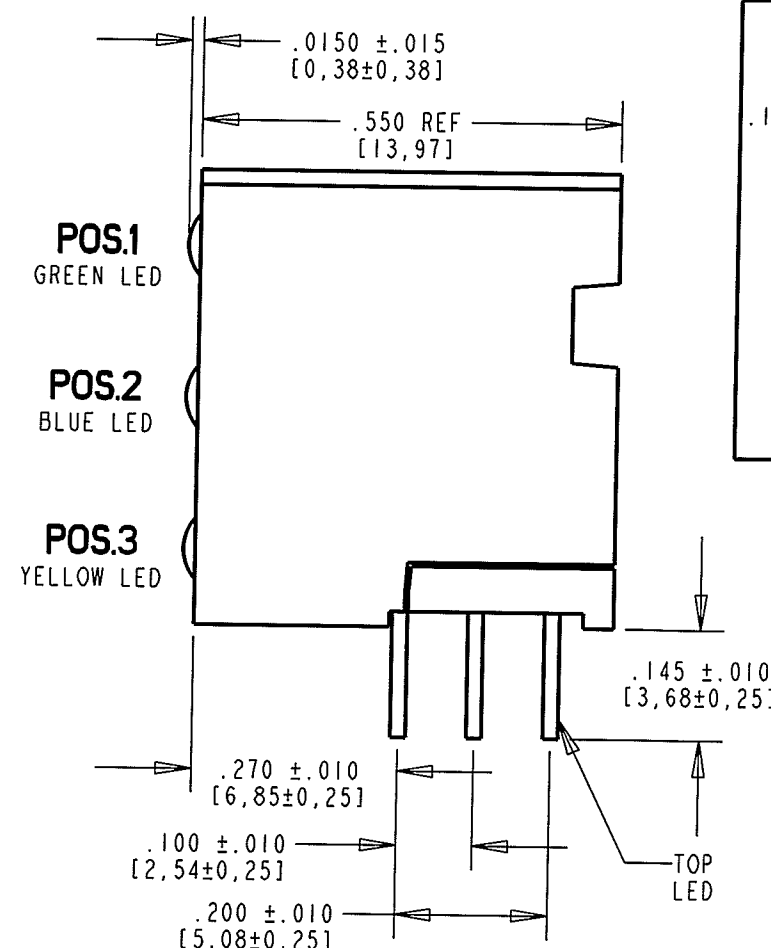
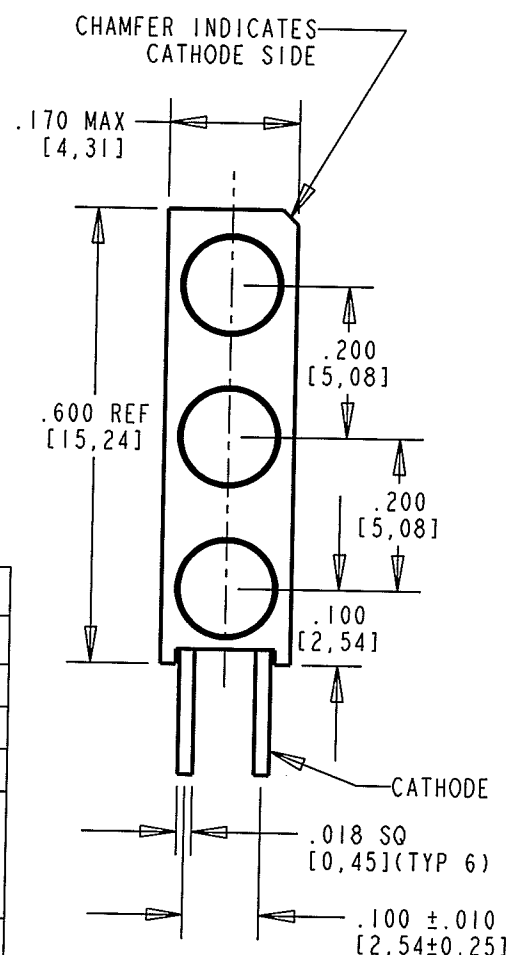
ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	32	50		mcd	$I_F = 10 \text{ mA}$
	BLUE	110		310		$I_F = 20 \text{ mA}$
	YELLOW	10		50		$I_F = 10 \text{ mA}$
FORWARD VOLTAGE	GREEN		2.1	2.8	V	$I_F = 20 \text{ mA}$
	BLUE		3.5	4.0		
	YELLOW		2.1	2.8		
REVERSE CURRENT	GREEN			100	μA	$V_R = 5 \text{ V}$
	BLUE			10		
	YELLOW			100		
PEAK WAVELENGTH	GREEN		565		nm	
	BLUE		470			
	YELLOW		585			

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT

	UNITS	GREEN	BLUE	YELLOW
POWER DISSIPATION	mW	100	140	60
DERATE LINEARLY FROM 50°C FOR GREEN/YELLOW; 25°C FOR BLUE	$\text{mW}/^\circ\text{C}$	0.4	0.32	0.25
CONTINUOUS FORWARD CURRENT	mA	30	30	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	120	100	80
OPERATING TEMPERATURE	$^\circ\text{C}$	-55 TO +100	-35 TO +85	-55 TO +100
STORAGE TEMPERATURE	$^\circ\text{C}$	-55 TO +100	-35 TO +85	-55 TO +100
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	$^\circ\text{C}$	260		



REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	N.O.	MES	11-16-07
B		UPDATED BLUE LED SPECS	KLJ	N.O.	MES	2-7-08

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SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17570	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE EXTENDED TRI-LEVEL CBI BLOCK	
FRACTIONS: ±1/64	RoHS COMPLIANT	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	Dialight	
DECIMALS (.XXXX): ±.0005	1501 ROUTE 34 SOUTH	
ANGLES: ±1°	FARMINGDALE, NJ 07727	
FINISH:	FSCM 83330	SHEET 1 OF 1 FAMILY TABLE: