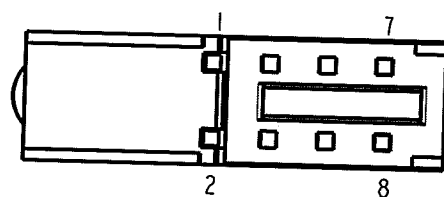
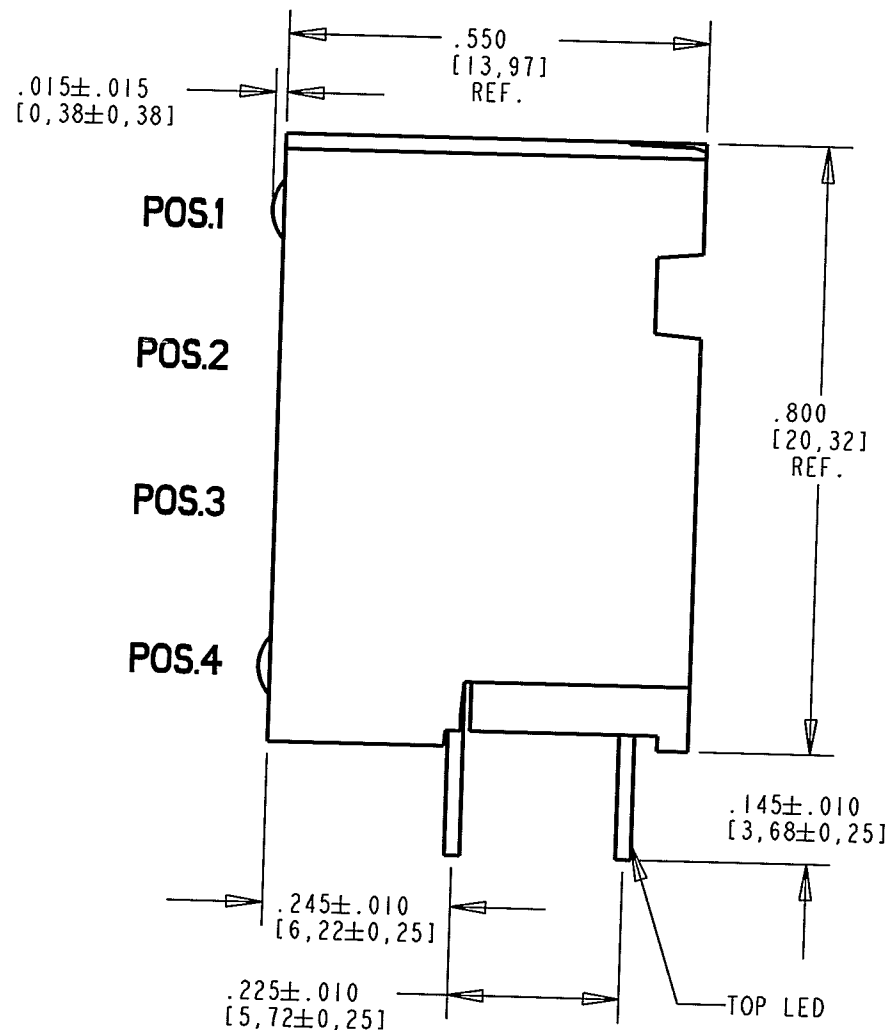
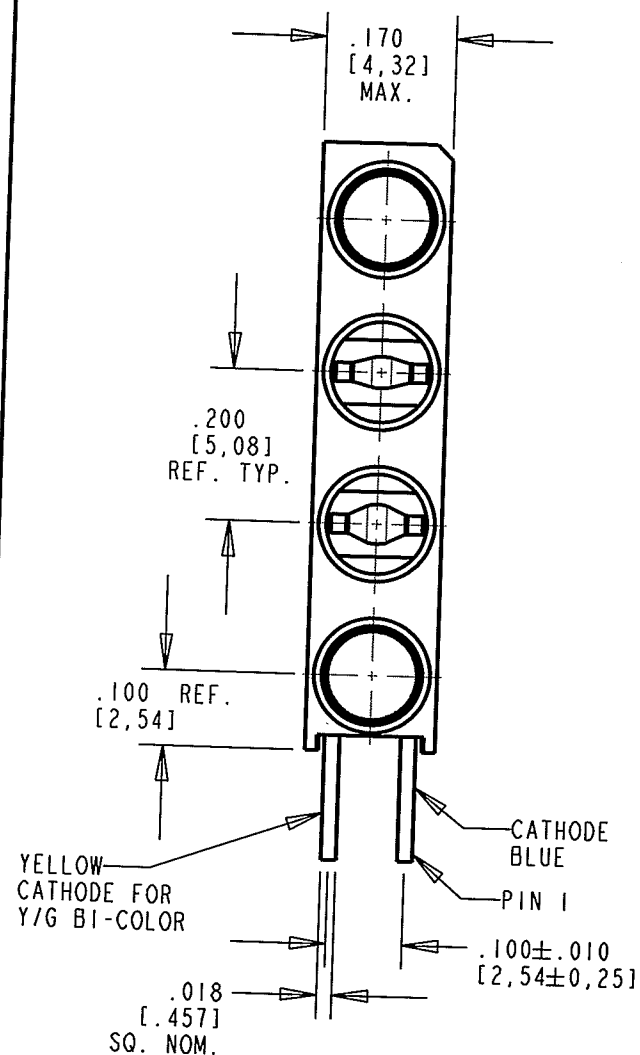


LED COLOR			
POS. 1	POS. 2	POS. 3	POS. 4
Y/G BI-COLOR	** BLANK **	** BLANK **	BLUE



REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	KLJ	m.e.	1/8	4/4/08

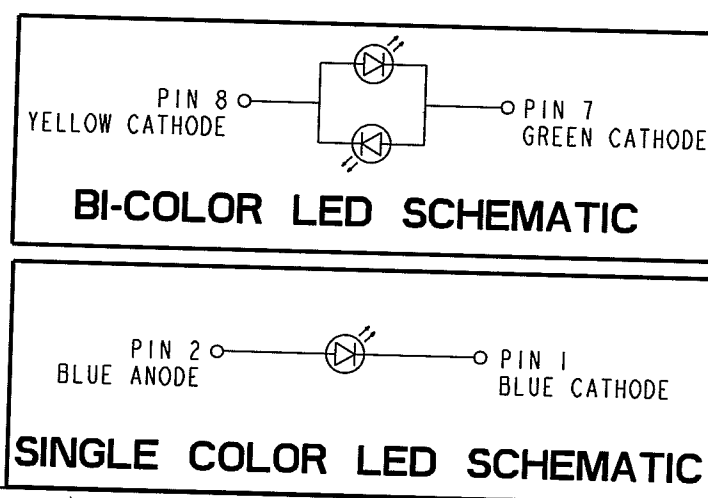
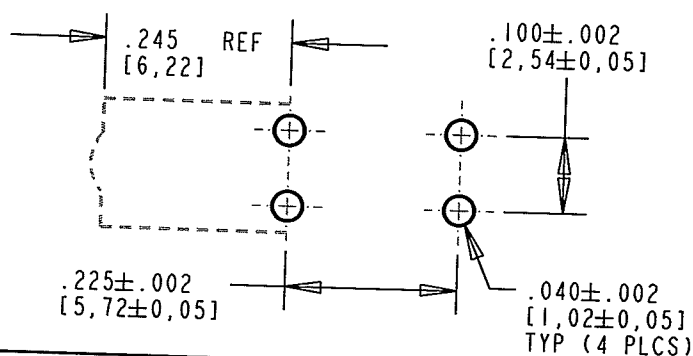
OPERATING CHARACTERISTICS AT 25°C AMBIENT							
CHARACTERISTICS	POSITION	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	1	GREEN	2.5	6.3		mcd	I _F = 10 mA
		YELLOW	2.5	4.3			
	4	BLUE	7.1	12.5	18.0		
FORWARD VOLTAGE	1	GREEN		2.1	2.8	V	I _F = 20 mA
		YELLOW		2.1	2.8		
	4	BLUE		3.5	4.1		I _F = 10 mA
PEAK WAVELENGTH	1	GREEN		565		nm	
		YELLOW		585			
	4	BLUE		428			
DOMINANT WAVELENGTH	1	GREEN		569		nm	
		YEL (Y3)	585		589		
		YEL (Y2)	583		587		
VIEWING ANGLE (2 θ 1/2)	1	GREEN		80		Degree	
		YELLOW		80			
	4	BLUE		70			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT				UNITS
	POS. 1 GREEN	POS. 1 YELLOW	POS. 4 BLUE	
POWER DISSIPATION	100	60	90	mW
DERATE LINEARLY FROM 50 °C	0.4	0.25	0.44	mA/°C
CONTINUOUS FORWARD CURRENT	30	20	20	mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260			°C
OPERATING TEMPERATURE	-55 TO +100			°C
STORAGE TEMPERATURE	-55 TO +100			°C

NOTES:

- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PLATING INFORMATION:
Y/G LED: 30.0-50.0μm TIN (Sn) ON 20.0μm NICKEL (Ni) OVER COPPER (Cu)
BLUE LED: 8.0μm TIN (Sn) ON 0.5-1.0μm NICKEL (Ni) ON 2.0μm SILVER (Ag) OVER COPPER (Cu)
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBER: 568-0714-814F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RECOMMENDED HOLE PATTERN GAUGE



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



SCALE 1.000

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: 4.000	DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)	C-17601		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE Y/G AND BLUE QUAD HIGH CBI BLOCK RoHS COMPLIANT		
FRACTIONS: ±1/64	MATERIAL		
DECIMALS (.XX): ±.01	Dialight		
DECIMALS (.XXX): ±.005	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727		
DECIMALS (.XXXX): ±.0005	FSCM 83330		
ANGLES: ±1°	SHEET 1 OF 1 FAMILY TABLE:		