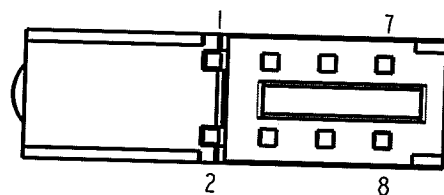
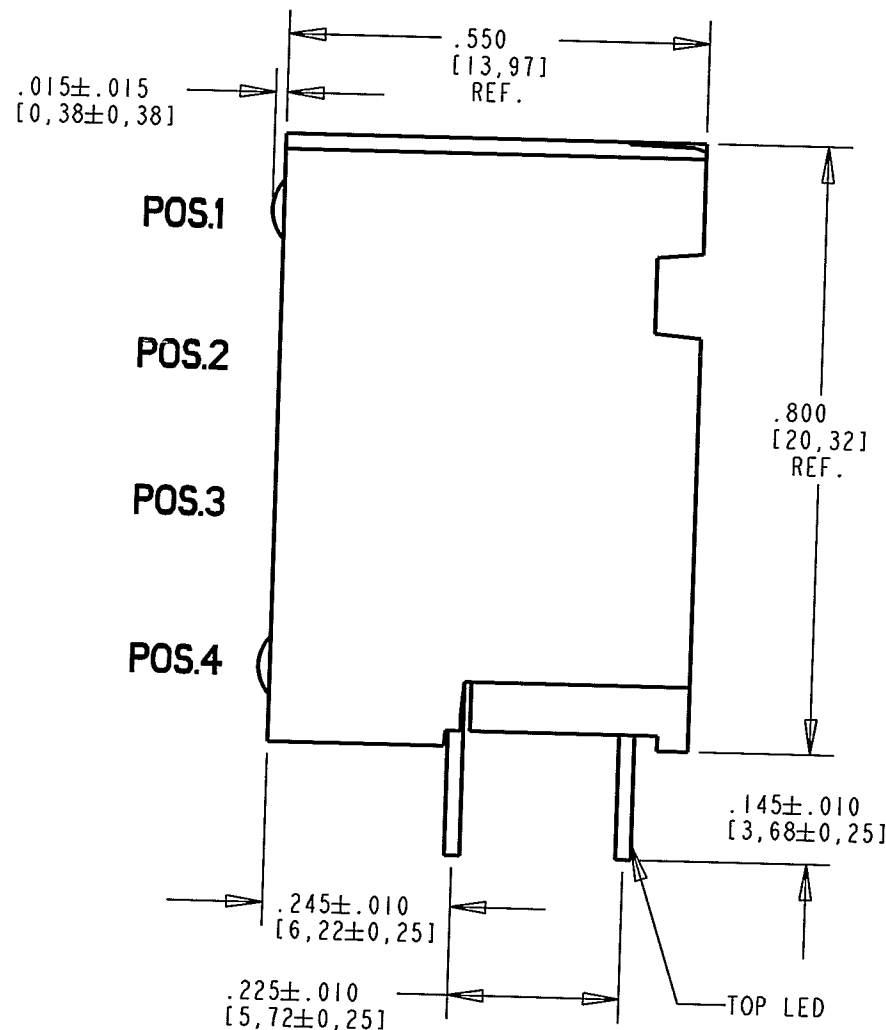
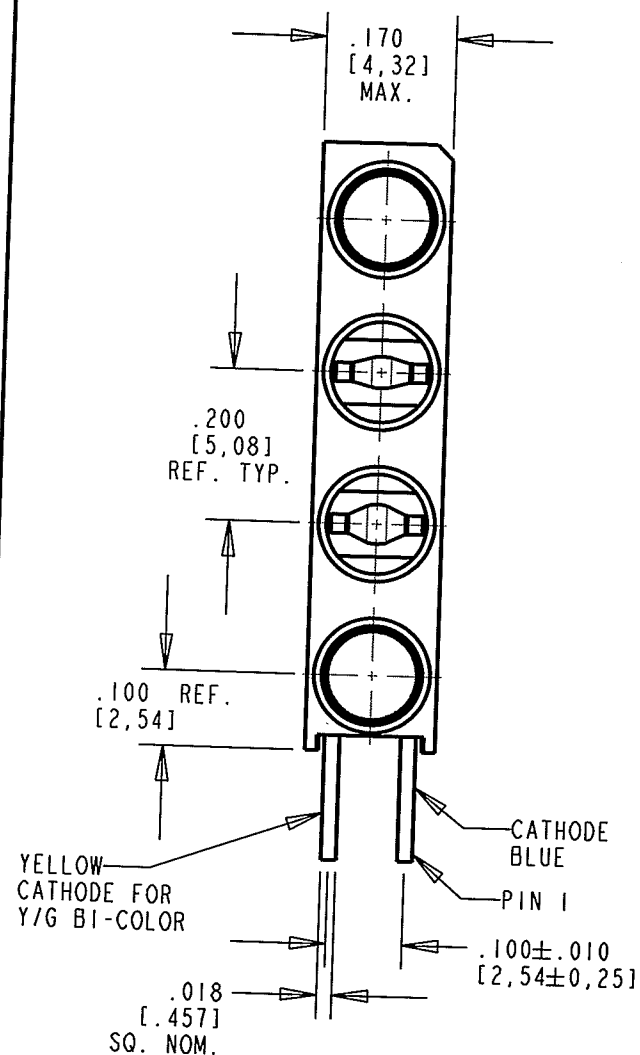


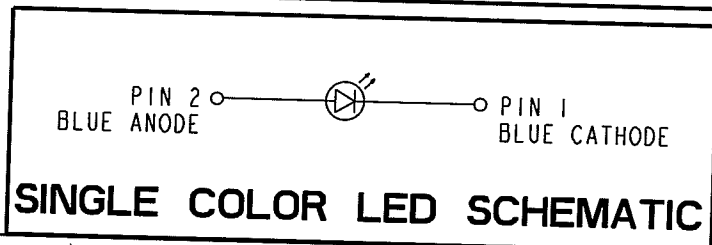
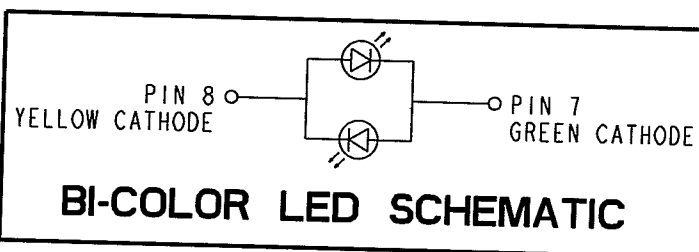
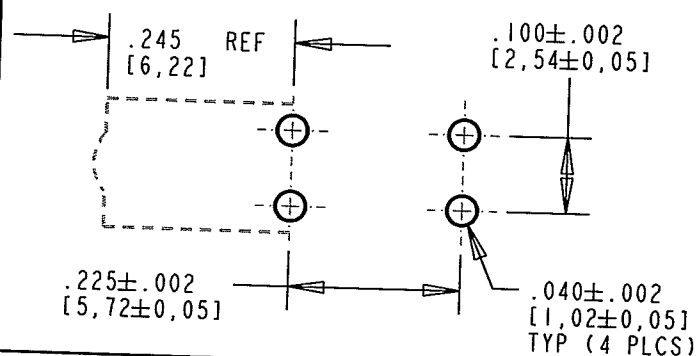
LED COLOR			
POS. 1	POS. 2	POS. 3	POS. 4
Y/G BI-COLOR	** BLANK **	** BLANK **	BLUE



RoHS COMPLIANT 568-0714-814F

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.

RECOMMENDED HOLE PATTERN GAUGE



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
	4	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
	4	YELLOW		2.1	2.8		
	4	BLUE		3.5	4.1		I _F = 10 mA
PEAK WAVELENGTH	1	GREEN		565		nm	
	4	YELLOW		585			
	4	BLUE		428			
DOMINANT WAVELENGTH	1	GREEN		569		nm	
	4	YEL (Y3)	585		589		
	4	YEL (Y2)	583		587		
VIEWING ANGLE (2 θ 1/2)	1	GREEN		80		Degree	
	4	YELLOW		80			
	4	BLUE		70			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	POS. 1		POS. 4	UNITS
	GREEN	YELLOW	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.



SCALE 1.000



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: 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 BLOC		
FRACTIONS: $\pm 1/64$	RoHS COMPLIANT		
DECIMALS (.XX): $\pm .01$	MATERIAL		
DECIMALS (.XXX): $\pm .005$	<div>Dialight</div> <div>1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727</div>		
DECIMALS (.XXXX): $\pm .0005$			
ANGLES: $\pm 1^\circ$			
FINISH:			
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:		

Mouser Electronics

Authorized Distributor

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

Dialight:

[568-0714-814F](#)