

PART NUMBER	LED COLOR				LED SPEC. CHART.
	POSITION 1	POSITION 2	POSITION 3	POSITION 4	
569-0101-111	RED	RED	RED	RED	1
569-0101-212	RED	GREEN	RED	GREEN	1
569-0101-232	RED	GREEN	YELLOW	GREEN	1
569-0101-237	RED	GREEN	YELLOW	ORANGE	1
569-0101-732	RED	ORANGE	YELLOW	GREEN	1
569-0102-222	GREEN	GREEN	GREEN	GREEN	1
569-0102-232	GREEN	GREEN	YELLOW	GREEN	1
569-0102-233	GREEN	GREEN	YELLOW	YELLOW	1
569-0102-237	GREEN	GREEN	YELLOW	ORANGE	1
569-0103-222	YELLOW	GREEN	GREEN	GREEN	1
569-0103-237	YELLOW	GREEN	YELLOW	ORANGE	1
569-0103-323	GREEN	YELLOW	GREEN	YELLOW	1
569-0103-333	YELLOW	YELLOW	YELLOW	YELLOW	1
569-0107-777	ORANGE	ORANGE	ORANGE	ORANGE	1
*569-0109-999	BLUE	BLUE	BLUE	BLUE	1
569-0201-111	RED	RED	RED	RED	2
569-0202-222	GREEN	GREEN	GREEN	GREEN	2
569-0202-233	GREEN	GREEN	YELLOW	YELLOW	2
569-0203-333	YELLOW	YELLOW	YELLOW	YELLOW	2
569-0301-111	RED	RED	RED	RED	3
569-0302-222	GREEN	GREEN	GREEN	GREEN	3
569-0302-233	GREEN	GREEN	YELLOW	YELLOW	3
569-0303-333	YELLOW	YELLOW	YELLOW	YELLOW	3
569-0701-111	RED/GREEN	RED/GREEN	RED/GREEN	RED/GREEN	4
569-0701-144	RED/GREEN	RED/GREEN	YELLOW/GREEN	YELLOW/GREEN	4
569-0704-411	YELLOW/GREEN	YELLOW/GREEN	RED/GREEN	RED/GREEN	4
569-0704-444	YELLOW/GREEN	YELLOW/GREEN	YELLOW/GREEN	YELLOW/GREEN	4

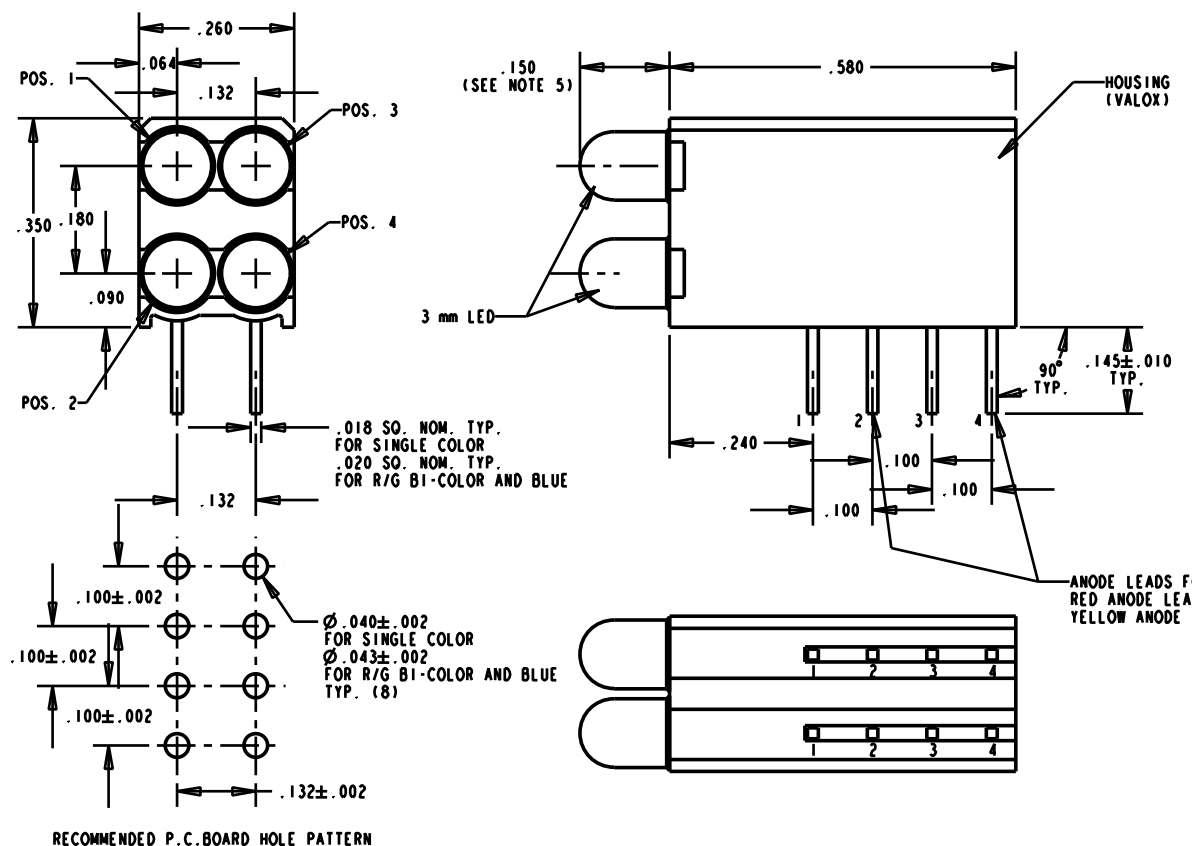
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	7.4	10.0		mcd	I _r = 10 mA
	YELLOW	7.4	10.0			
	GREEN	4.7	12.6			
	ORANGE	3.4	7.0			
	BLUE	7.1	12.5	18.0		
FORWARD VOLTAGE	RED		2.0	2.8	V	I _r = 20 mA
	YELLOW		2.1	2.8		
	GREEN		2.1	2.8		
	ORANGE	1.5	2.2	3.0		
REVERSE VOLTAGE	RED	5			V	I _r = 10 mA
	YELLOW	5				
	GREEN	5				
	ORANGE	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			
	ORANGE		600			
VIEWING ANGLE 2° 1/2	RED		60		DEG.	
	YELLOW		60			
	GREEN		60			
	ORANGE		60			
	BLUE		70			



CHART 1

SEE NOTE 4

- NOTE:
- LED LEAD SPACING MEASURED AT HOUSING EXIT.
 - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
 - DIALIGHT PART NUMBER: 569-0101-111, 569-0102-222, 569-0103-333, 569-0107-777
 - ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.
 - P/N: 569-0109-999: DIMENSION FOR LED PROTRUSION FROM HOUSING IS .156.



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	1.0	1.6		mcd	I _r = 2 mA
	YELLOW	1.0	1.6			
	GREEN	1.0	1.6			
FORWARD VOLTAGE	RED		1.7	2.2	V	I _r = 2 mA
	YELLOW		1.8	2.2		
	GREEN		1.9	2.7		
REVERSE VOLTAGE	RED	5			V	I _r = 10 μA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		583			
	GREEN		565			
VIEWING ANGLE 2° 1/2	RED		60		DEG.	
	YELLOW		60			
	GREEN		60			



CHART 2

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29.0		mcd	V _r = 5 V
	YELLOW	3.7	12.6			
	GREEN	5.6	19.0			
FORWARD VOLTAGE	RED		10.0	15.0	V	V _r = 5 V
	YELLOW		10.0	15.0		
	GREEN		12.0	15.0		
REVERSE VOLTAGE	RED	5			V	I _r = 100 μA
	YELLOW	5				
	GREEN	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			
VIEWING ANGLE 2° 1/2	RED		60		DEG.	
	YELLOW		60			
	GREEN		60			



INTEGRAL RESISTOR, 5V LED
CHART 3

YELLOW/GREEN BI-COLOR LEDS						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	2.5	4.3		mcd	I _r = 10 mA
	GREEN	2.5	6.3			
FORWARD VOLTAGE	YELLOW		2.1	2.8	V	I _r = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	YELLOW		635		nm	MEASURED AT PEAK
	GREEN		565			
VIEWING ANGLE 2° 1/2	RED		80		DEG.	
	YELLOW		80			
	GREEN		80			

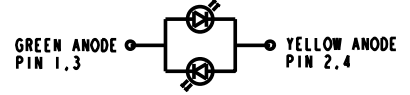
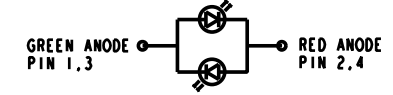


CHART 4

RED/GREEN BI-COLOR LEDS						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	1.7	4.7		mcd	I _r = 20 mA
	GREEN	3.7	10.0			
FORWARD VOLTAGE	RED		2.0	2.8	V	I _r = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	GREEN		565			
REVERSE VOLTAGE	RED	5			V	I _r = 100 μA
	GREEN	5				
VIEWING ANGLE 2° 1/2	RED		60		DEG.	
	GREEN		60			



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SCALE 5:1

ALL DIM'S IN: INCHES

TOLERANCES: UNLESS OTHERWISE SPECIFIED

FRACTIONS: ±1/64

DECIMALS (1.XX): ±.02

DECIMALS (1.XXX): ±.015

ANGLES: ±1°

FINISH:

FSCN 83330

DRAWING NUMBER: C-16022

REV: F

TITLE: BI-LEVEL CBI

MATERIAL:

Dialight

1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727

SHEET OF FAMILY TABLES: