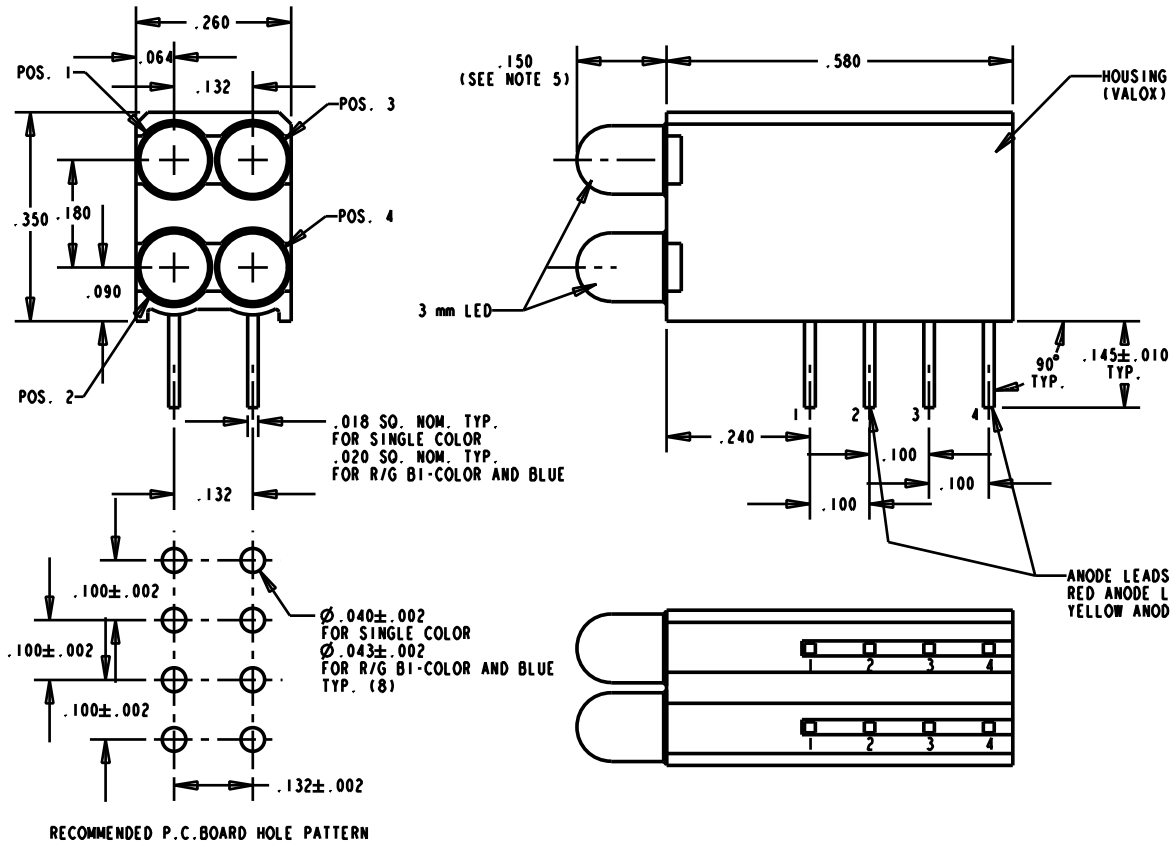


PART NUMBER	LED COLOR				LED SPEC. CHART.
	POSITION 1	POSITION 2	POSITION 3	POSITION 4	
569-0101-111	RED	RED	RED	RED	1
569-0101-212	RED	GREEN	RED	GREEN	1
569-0101-232	RED	GREEN	YELLOW	GREEN	1
569-0101-237	RED	GREEN	YELLOW	ORANGE	1
569-0101-732	RED	ORANGE	YELLOW	GREEN	1
569-0102-222	GREEN	GREEN	GREEN	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

• 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	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		I _r = 10 mA
	ORANGE	1.5	2.2	3.0		
	BLUE		3.5	4.1		
REVERSE VOLTAGE	RED	5			V	I _n = 100 μA
	YELLOW	5				
	GREEN	5				
	ORANGE	5				
	BLUE	5				
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			
	ORANGE		600			
	BLUE		428			
VIEWING ANGLE 2 ° 1/2	RED		60		DEG.	
	YELLOW		60			
	GREEN		60			
	ORANGE		60			
	BLUE		70			

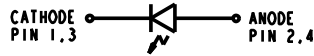


CHART 1

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 _n = 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			

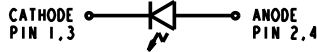


CHART 2

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			

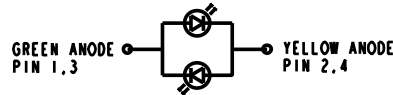


CHART 4

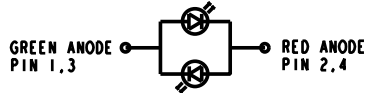
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29.0		mcd	V _r = 5 V
	YELLOW	3.7	12.6			
	GREEN	5.6	19.0			
FORWARD VOLTAGE	RED		10.0	15.0	V	V _r = 5 V
	YELLOW		10.0	15.0		
	GREEN		12.0	15.0		
REVERSE VOLTAGE	RED	5			V	I _n = 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

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 _n = 100 μA
	GREEN	5				
VIEWING ANGLE 2 ° 1/2	RED		60		DEG.	
	GREEN		60			



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 5:1		DRAWING NUMBER	REV
ALL DIM'S IN: INCHES			
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-16022	F
FRACTIONS: ±1/64 DECIMALS (1.XX): ±.02 DECIMALS (1.XXX): ±.015			
ANGLES: ±1°		TITLE	
FINISH:		BI-LEVEL CBI	
FSCN 83330		MATERIAL	
		Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07722
		SHEET OF	FAMILY TABLES: