

PART NUMBER	LED COLOR				LED SPEC. CHART.
	POSITION 1	POSITION 2	POSITION 3	POSITION 4	
569-0100-231F	BLANK	GREEN	YELLOW	RED	1
569-0101-111F	RED	RED	RED	RED	1
569-0101-212F	RED	GREEN	RED	GREEN	1
569-0101-232F	RED	GREEN	YELLOW	GREEN	1
569-0101-237F	RED	GREEN	YELLOW	ORANGE	1
569-0101-372F	RED	YELLOW	ORANGE	GREEN	1
569-0101-732F	RED	ORANGE	YELLOW	GREEN	1
*569-0101-970F	RED	BLUE	ORANGE	BLANK	1
569-0102-222F	GREEN	GREEN	GREEN	GREEN	1
569-0102-232F	GREEN	GREEN	YELLOW	GREEN	1
569-0102-233F	GREEN	GREEN	YELLOW	YELLOW	1
569-0102-237F	GREEN	GREEN	YELLOW	ORANGE	1
569-0103-222F	YELLOW	GREEN	GREEN	GREEN	1
569-0103-237F	YELLOW	GREEN	YELLOW	ORANGE	1
569-0103-272F	YELLOW	GREEN	ORANGE	GREEN	1
569-0103-312F	YELLOW	YELLOW	RED	GREEN	1
569-0103-323F	GREEN	YELLOW	GREEN	YELLOW	1
569-0103-333F	YELLOW	YELLOW	YELLOW	YELLOW	1
*569-0103-970F	YELLOW	BLUE	ORANGE	BLANK	1
569-0107-777F	ORANGE	ORANGE	ORANGE	ORANGE	1
*569-0109-999F	BLUE	BLUE	BLUE	BLUE	1
569-0201-111F	RED	RED	RED	RED	2
569-0202-222F	GREEN	GREEN	GREEN	GREEN	2
569-0202-233F	GREEN	GREEN	YELLOW	YELLOW	2
569-0203-333F	YELLOW	YELLOW	YELLOW	YELLOW	2
569-0301-111F	RED	RED	RED	RED	3
569-0302-222F	GREEN	GREEN	GREEN	GREEN	3
569-0302-233F	GREEN	GREEN	YELLOW	YELLOW	3
569-0303-333F	YELLOW	YELLOW	YELLOW	YELLOW	3
569-0701-111F	RED/GREEN	RED/GREEN	RED/GREEN	RED/GREEN	4
569-0701-144F	RED/GREEN	RED/GREEN	YELLOW/GREEN	YELLOW/GREEN	4
569-0704-411F	YELLOW/GREEN	YELLOW/GREEN	RED/GREEN	RED/GREEN	4
569-0704-444F	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: 569-0X0X-XXF.
- ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.
- P/N: 569-0109-999F: DIMENSION FOR LED PROTRUSION FROM HOUSING IS .156±.015.

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	7.4	10.0		mcd	I <sub>f</sub> = 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 <sub>f</sub> = 20 mA
	YELLOW		2.1	2.8		
	GREEN		2.1	2.8		
	ORANGE	1.5	2.2	3.0		
	BLUE		3.5	4.1		
REVERSE VOLTAGE	RED	5			V	I <sub>r</sub> = 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 θ 1/2	RED		60		DEG.	
	YELLOW		60			
	GREEN		60			
	ORANGE		60			
	BLUE		70			

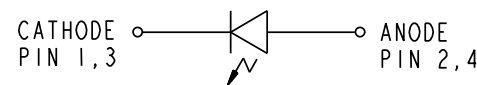


CHART 1

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

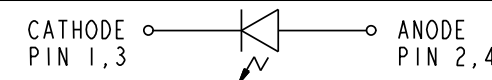


CHART 2

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 <sub>f</sub> = 10 mA
	GREEN	2.5	6.3			
FORWARD VOLTAGE	YELLOW		2.1	2.8	V	I <sub>f</sub> = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	YELLOW		635		nm	MEASURED AT PEAK
	GREEN		565			
VIEWING ANGLE 2 θ 1/2	RED		80		DEG.	
	YELLOW		80			
	GREEN		80			

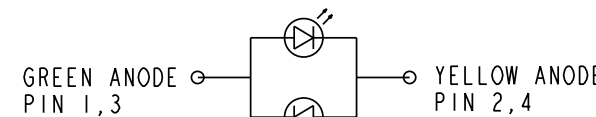
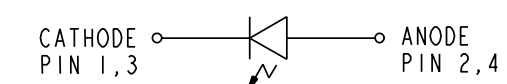


CHART 4

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC	N.O.	MES	1-6-06
B		ADDED P/N 569-0103-312F	TWC	N.O.	MES	3-27-06
C		ADDED P/N 569-0100-231F	TC			

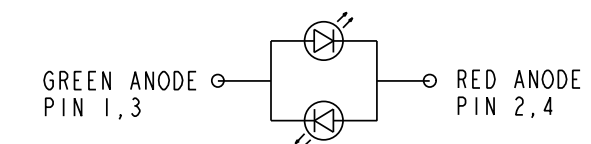
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29.0		mcd	V <sub>f</sub> = 5 V
	YELLOW	3.7	12.6			
	GREEN	5.6	19.0			
FORWARD VOLTAGE	RED		10.0	15.0	V	V <sub>f</sub> = 5 V
	YELLOW		10.0	15.0		
	GREEN		12.0	15.0		
REVERSE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



INTEGRAL RESISTOR, 5V LED

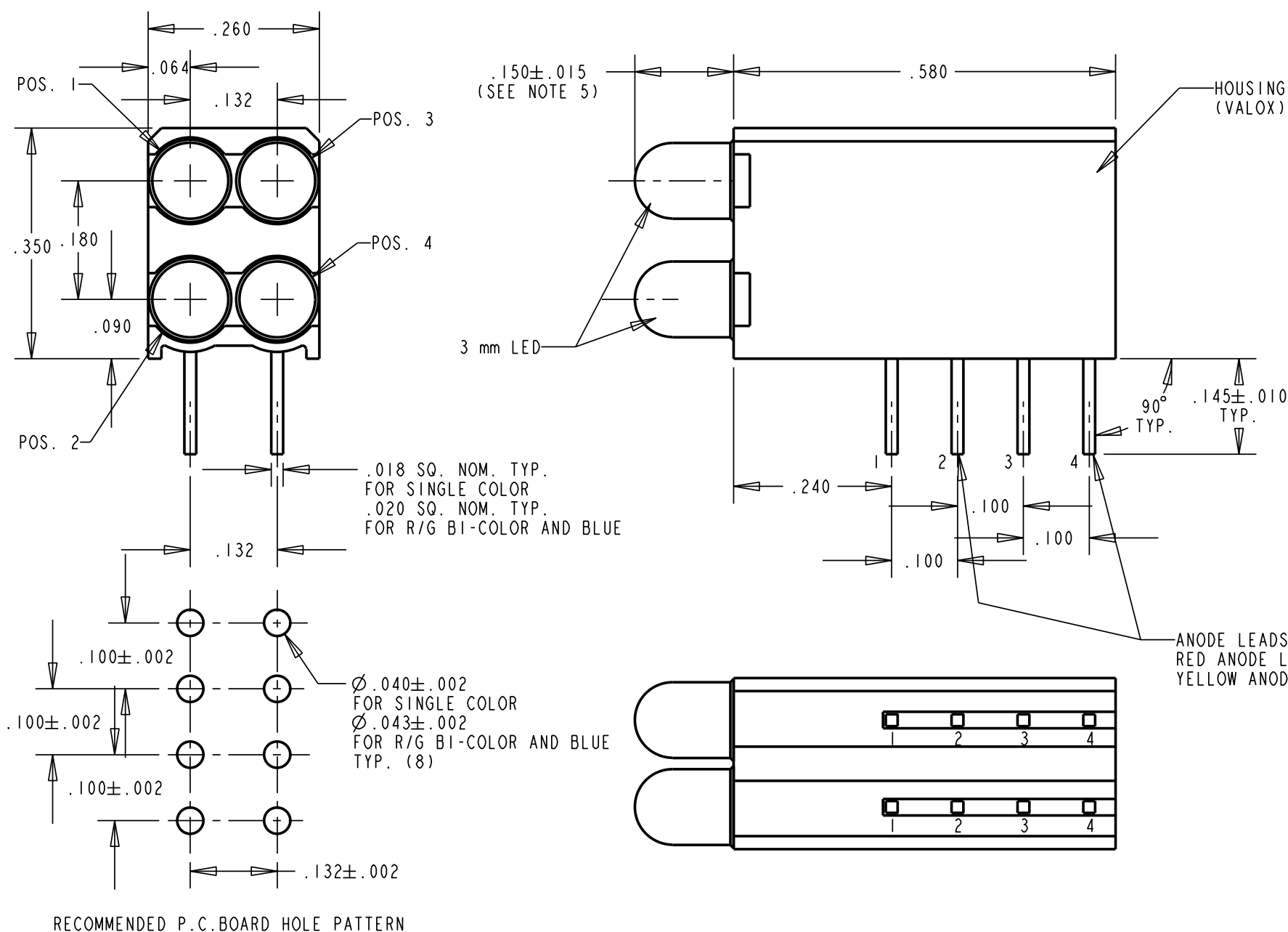
CHART 3

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 <sub>f</sub> = 20 mA
	GREEN	3.7	10.0			
FORWARD VOLTAGE	RED		2.0	2.8	V	I <sub>f</sub> = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	GREEN		565			
REVERSE VOLTAGE	RED	5			V	I <sub>r</sub> = 100 μA
	GREEN	5				
VIEWING ANGLE 2 θ 1/2	RED		60		DEG.	
	GREEN		60			



RoHS Compliant 569-0X0X-XXF Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.  
Example: 569-0101-372F  
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

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SCALE: 5:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17340	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	BI-LEVEL CBI	
DECIMALS (.XX): ±.02	RoHS COMPLIANT	
DECIMALS (.XXX): ±.015	MATERIAL	
DECIMALS (.XXXX): ±.0005	Dialight	
ANGLES: ±1°	1501 ROUTE 34 SOUTH	
FINISH:	FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLES: