

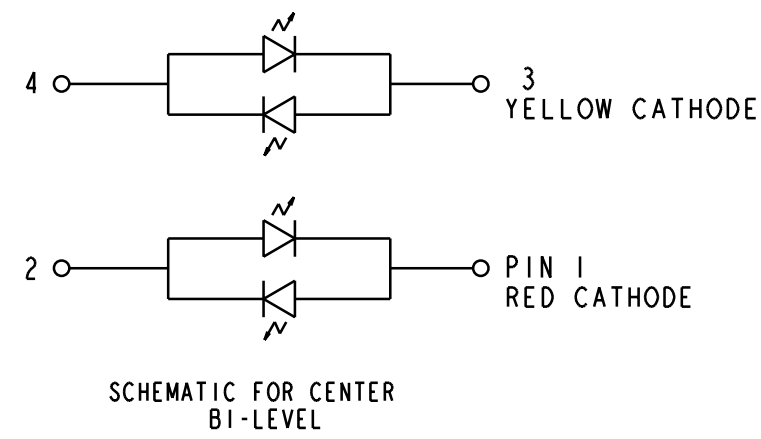
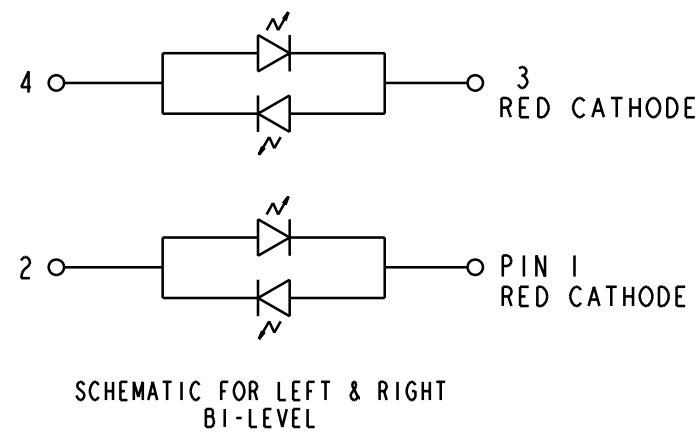
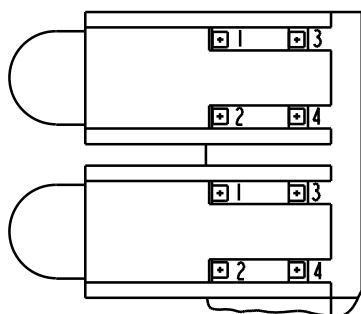
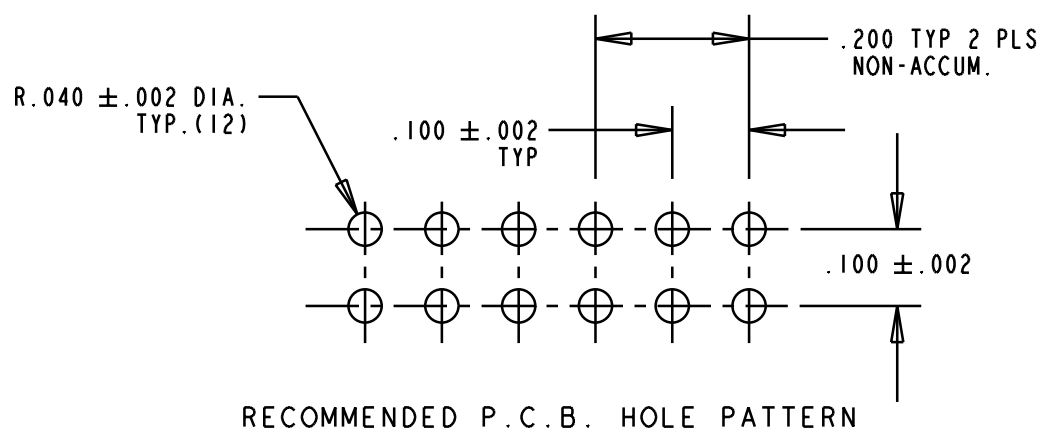
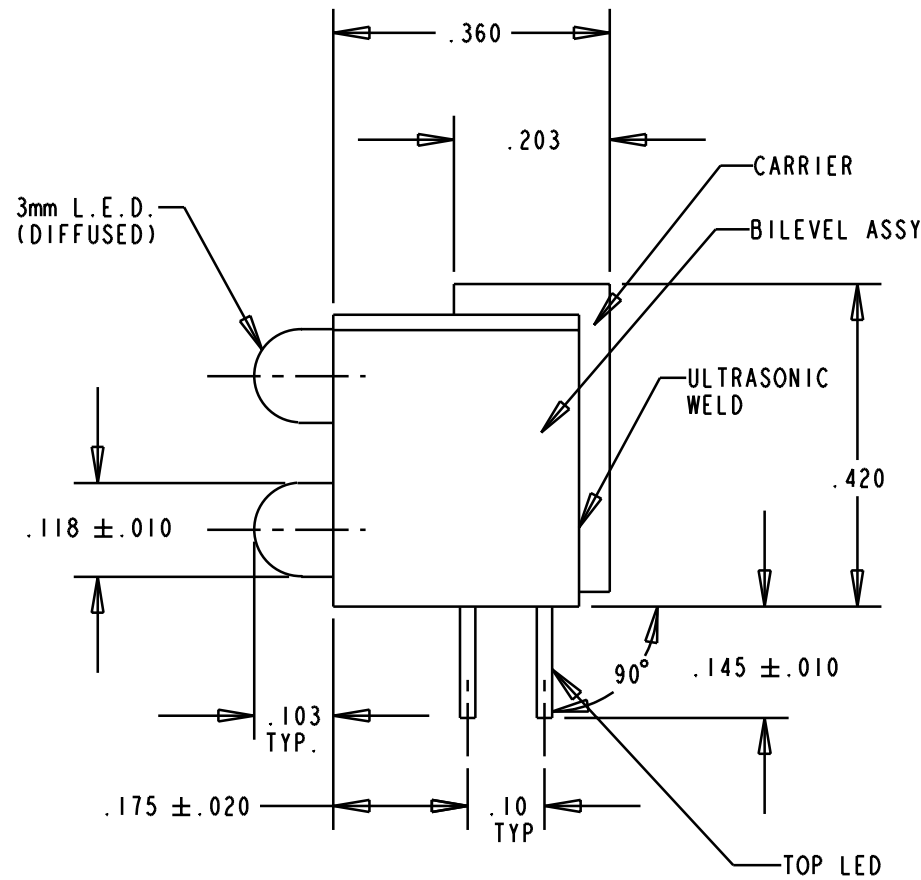
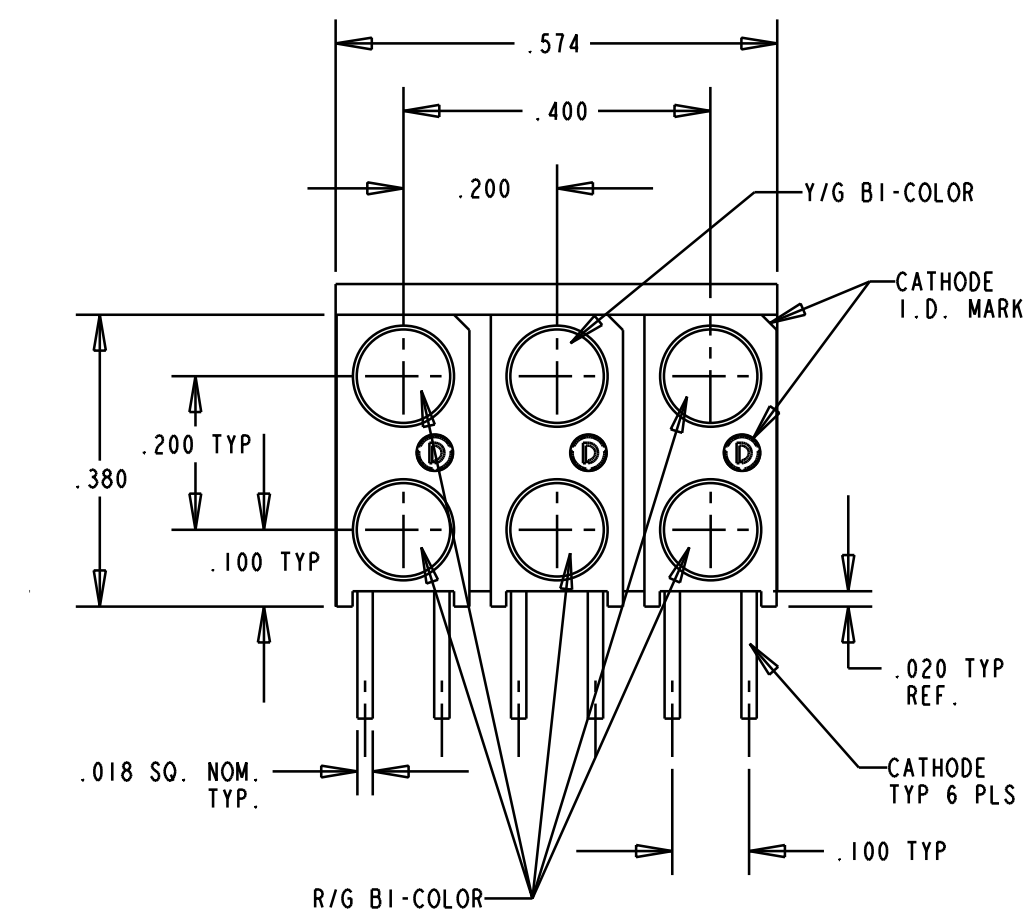
REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	DC			

LED: RED/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED GREEN	2.5 3.7	4.7 10.0		mcd	$I_f = 10 \text{ mA}$
FORWARD VOLTAGE	RED GREEN		2.0 2.1	2.8 2.8	V	$I_f = 20 \text{ mA}$
PEAK WAVELENGTH	RED GREEN		635 565		nm	
VIEWING ANGLE	ALL		60		Degree	
CAPACITANCE	RED GREEN		20 35		pF	$V_r = 0, f = 1 \text{ MHz}$

LED: RED/GREEN BI-COLOR			
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	UNITS	RED	GREEN
POWER DISSIPATION	mW	100	100
DERATE LINEARLY FROM 50°C	mA/°C	0.4	0.4
CONTINUOUS FORWARD CURRENT	mA	30	30
PEAK FORWARD CURRENT(1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	120	120
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260	
OPERATING TEMPERATURE	°C	-55 TO 100	
STORAGE TEMPERATURE	°C	-55 TO 100	

LED: YELLOW/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW GREEN	2.5 2.5	6.3 4.3		mcd	I _F = 10 mA
FORWARD VOLTAGE	YELLOW GREEN		2.1 2.1	2.8 2.8	V	I _F = 20 mA
PEAK WAVELENGTH	YELLOW GREEN		585 565		nm	
VIEWING ANGLE	ALL		80		Degree	
CAPACITANCE	YELLOW GREEN		15 35		pf	V _F = 0, f = 1 MHz

LED: YELLOW/GREEN BI-COLOR			
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	UNITS	YELLOW	GREEN
POWER DISSIPATION	mW	60	100
DERATE LINEARLY FROM 50°C	mA/°C	0.25	0.4
CONTINUOUS FORWARD CURRENT	mA	20	30
PEAK FORWARD CURRENT(1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	80	120
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260	
OPERATING TEMPERATURE	°C	-55 TO 100	
STORAGE TEMPERATURE	°C	-55 TO 100	



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SCALE X:X	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C - 16636	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	3mm LED CBI GANGED ARRAY	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:	Dialight	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736
FSCM 83330	SHEET OF	FAMILY TABLES:

Mouser Electronics

Authorized Distributor

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