

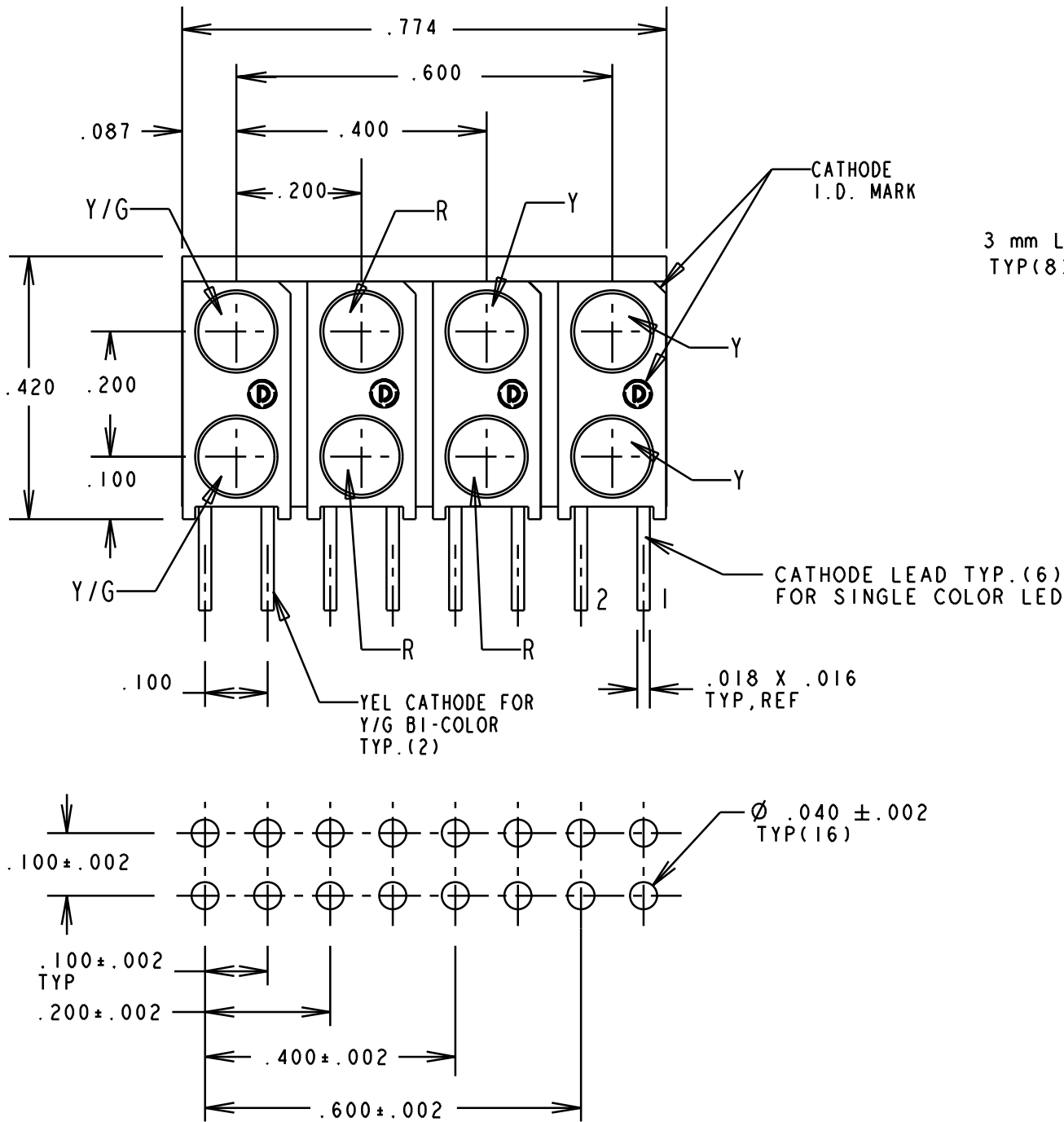
LED = YELLOW/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW GREEN	2.5 2.5	4.3 6.3		mcd	I _F = 10 mA
FORWARD VOLTAGE	YELLOW GREEN		2.1 2.8		V	I _F = 20 mA
PEAK WAVELENGTH	YELLOW GREEN		585 565	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

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

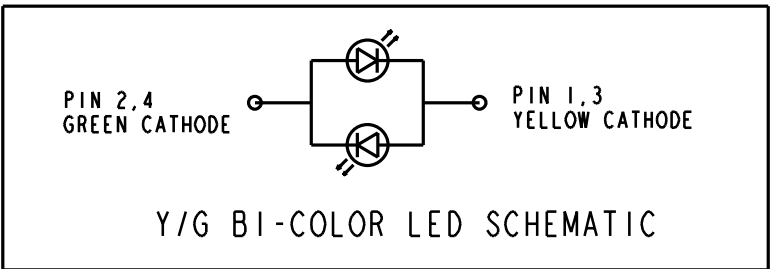
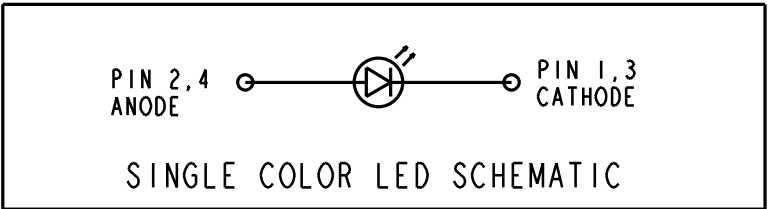
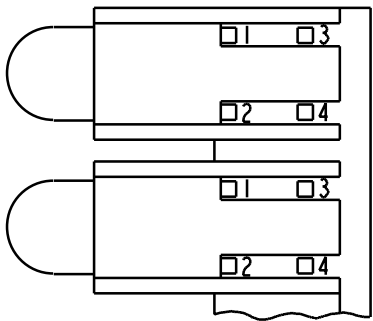
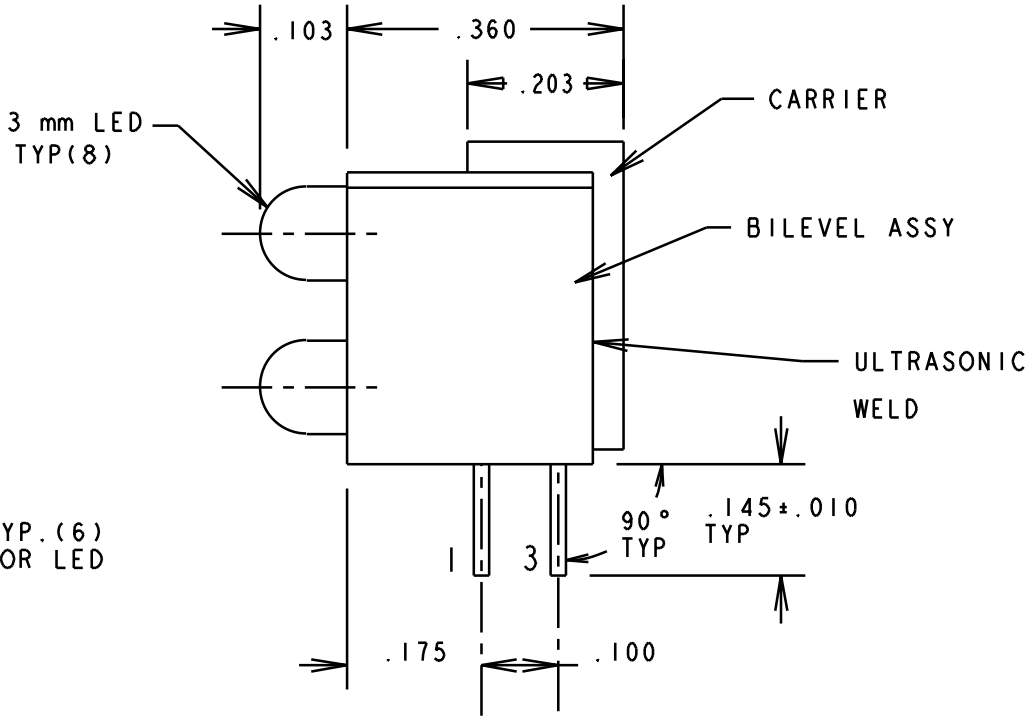
REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	DC			

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	7.4	10.0		mcd	I _F = 10 mA
	YELLOW	7.4	10.0			
FORWARD VOLTAGE	RED		2.0	2.8	V	I _F = 20 mA
	YELLOW		2.1	2.8		
REVERSE CURRENT	ALL			100	µA	V _R = 5 V
PEAK WAVELENGTH	RED		635		nm	
	YELLOW		585			
VIEWING ANGLE	ALL		60		Degree	
CAPACITANCE	RED		20		pf	V _F = 0, f = 1 MHz
	YELLOW		15			

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



RECOMMENDED P.C. BOARD HOLE PATTERN



- NOTES:
1. LEADS TO FIT INTO .040 DIA. HOLES SPACED AS PER PATTERN.
 2. PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
 3. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
 4. PACKAGE PARTS IN TUBE WITH TWO END PLUGS. (29 PCS. PER TUBE) MARK LABEL WITH MFG., P/N, DATE CODE, QTY/TUBE.
 5. DIALIGHT PART NO. 553-0008-835.

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SCALE 4:1	DRAWING NUMBER	REV	
ALL DIM'S IN: INCHES	C-16816	A	
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	3mm LED CBI GANGED ARRAY	
FRACTIONS: $\pm 1/64$	MATERIAL		
DECIMALS (.XX): $\pm .020$			
DECIMALS (.XXX): $\pm .015$			
ANGLES: $\pm 3^\circ$			
FINISH:			
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET OF	FAMILY TABLES:	