

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

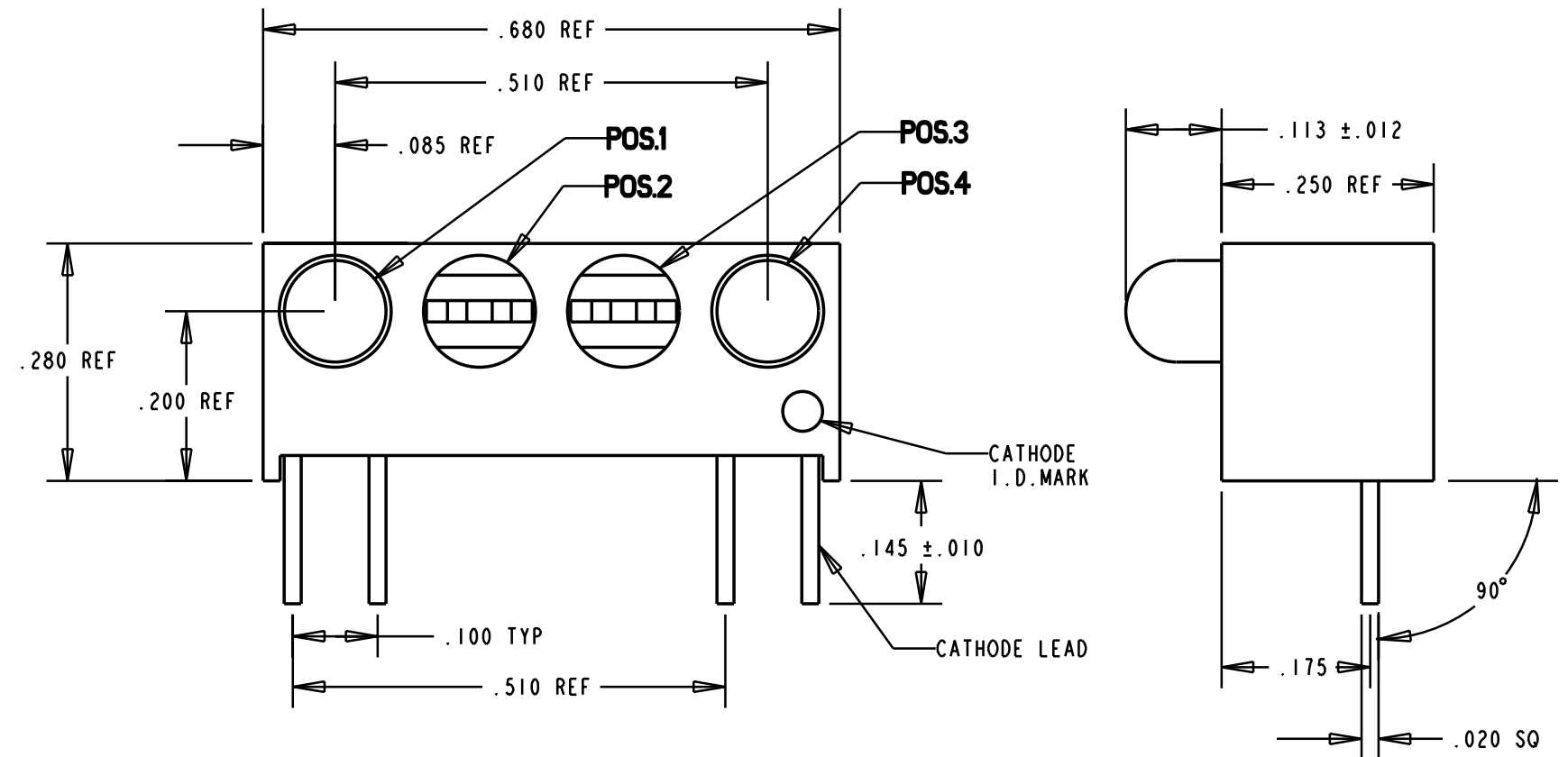
LED COLOR = YELLOW DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	2.2	6.3		mcd	$I_f = 10 \text{ mA}$
FORWARD VOLTAGE		2.1	3.0	V	$I_f = 10 \text{ mA}$
REVERSE VOLTAGE	3			V	$I_R = 10 \text{ } \mu\text{A}$
PEAK WAVELENGTH		585		nm	
VIEWING ANGLE		45		Degree	
CAPACITANCE		5.0		pf	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$

POS. 1	POS. 2	POS. 3	POS. 4
RED	**BLANK**	**BLANK**	YELLOW

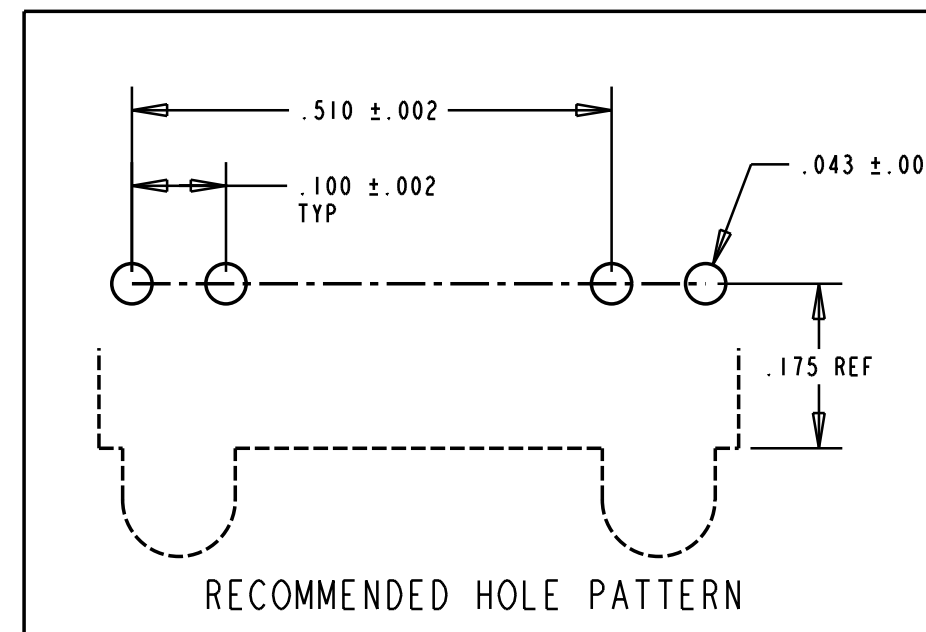
NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- DIALIGHT PART NUMBER = 551-0004-832

LED COLOR = YELLOW DIFFUSED		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS
POWER DISSIPATION		mW
DERATE LINEARLY FROM 50°C		$\text{mA}/^\circ\text{C}$
CONTINUOUS FORWARD CURRENT		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		$^\circ\text{C}$
OPERATING TEMPERATURE		$^\circ\text{C}$
STORAGE TEMPERATURE		$^\circ\text{C}$



LED COLOR = RED DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	3.6	10		mcd	$I_f = 10 \text{ mA}$
FORWARD VOLTAGE		2.0	3.0	V	$I_f = 10 \text{ mA}$
REVERSE VOLTAGE	3.0			V	$I_R = 10 \text{ } \mu\text{A}$
PEAK WAVELENGTH		650		nm	
VIEWING ANGLE		45		Degree	
CAPACITANCE		9.2		pf	$V_R = 0 \text{ V}, f = 1 \text{ MHz}$



LED COLOR = RED DIFFUSED		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS
POWER DISSIPATION		mW
DERATE LINEARLY FROM 50°C		$\text{mA}/^\circ\text{C}$
CONTINUOUS FORWARD CURRENT		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		$^\circ\text{C}$
OPERATING TEMPERATURE		$^\circ\text{C}$
STORAGE TEMPERATURE		$^\circ\text{C}$

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SCALE 5:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-16573	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	1x4 CBI BLOCK	
DECIMALS (.XX): ±.020	MATERIAL	
DECIMALS (.XXX): ±.015	Dialight	
DECIMALS (.XXXX): ±.010	1913 ATLANTIC AVE.	
ANGLES: ±1°	MANASQUAN, N.J. 08736	
FINISH:	FSCM 83330	SHEET OF FAMILY TABLE: