

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 mA
FORWARD VOLTAGE		2.1	3.0	V	I _f = 10 mA
REVERSE VOLTAGE	3			V	I _R = 10 µA
PEAK WAVELENGTH		585		nm	
VIEWING ANGLE	45			Degree	
CAPACITANCE		5.0		pf	V _R = 0 V, f = 1 MHz

LED COLOR = YELLOW DIFFUSED		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS
POWER DISSIPATION	mW	60
DERATE LINEARLY FROM 50°C	mA/°C	0.5
CONTINUOUS FORWARD CURRENT	mA	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	60
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260
OPERATING TEMPERATURE	°C	-25 TO 85
STORAGE TEMPERATURE	°C	-30 TO 100

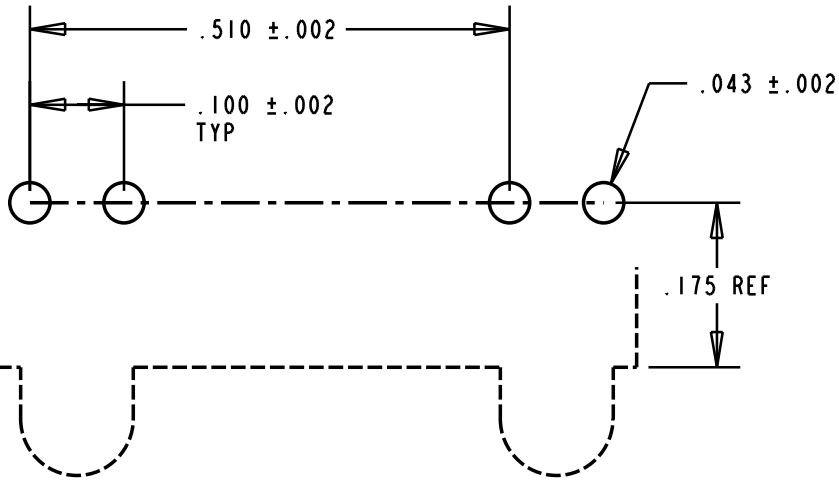
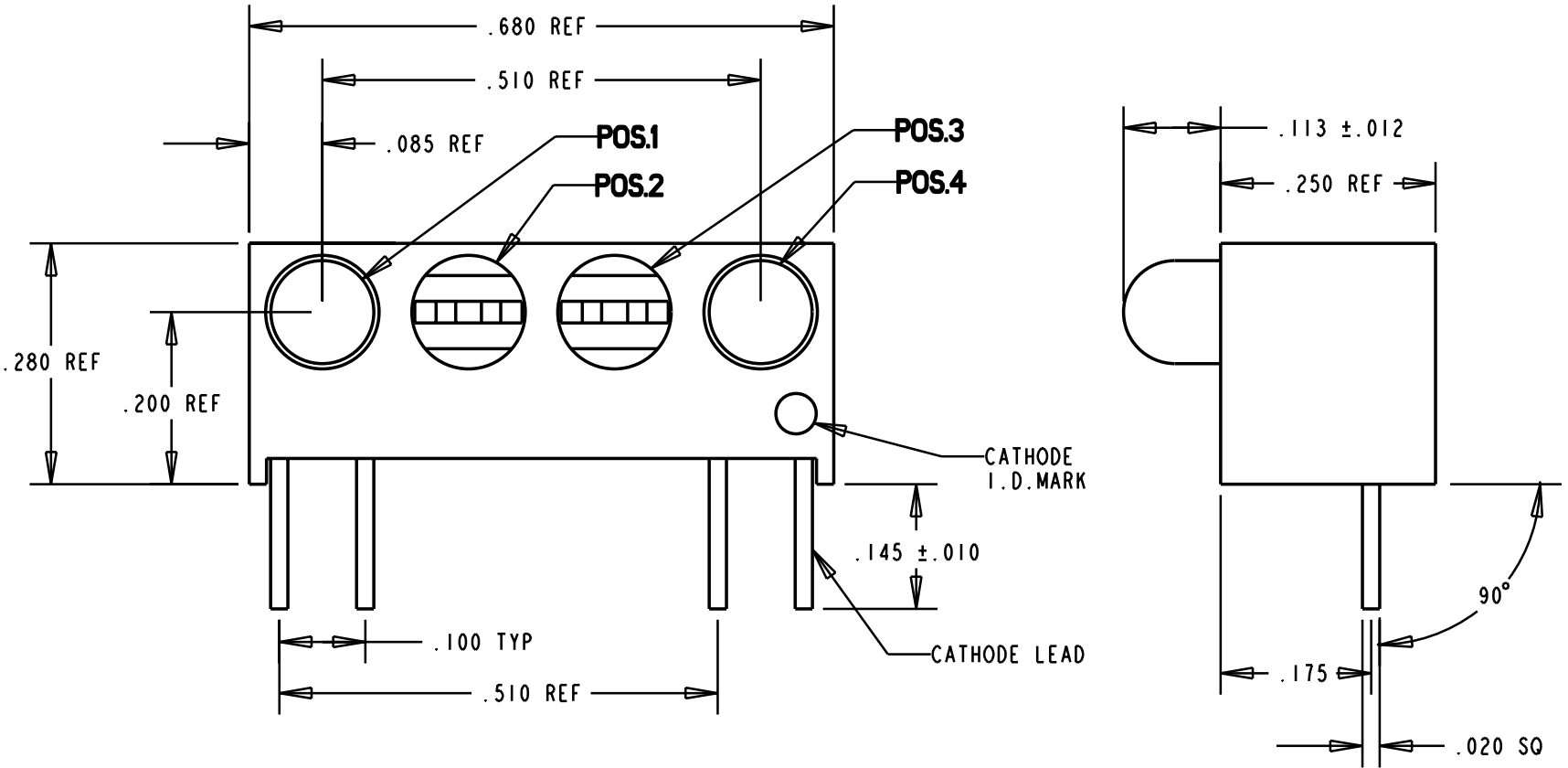
LED COLOR = RED DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	3.6	10		mcd	I _f = 10 mA
FORWARD VOLTAGE		2.0	3.0	V	I _f = 10 mA
REVERSE VOLTAGE	3.0			V	I _R = 10 µA
PEAK WAVELENGTH		650		nm	
VIEWING ANGLE	45			Degree	
CAPACITANCE		9.2		pf	V _R = 0 V, f = 1 MHz

LED COLOR = RED DIFFUSED		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS
POWER DISSIPATION	mW	60
DERATE LINEARLY FROM 50°C	mA/°C	0.5
CONTINUOUS FORWARD CURRENT	mA	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	60
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260
OPERATING TEMPERATURE	°C	-25 TO 85
STORAGE TEMPERATURE	°C	-30 TO 100

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

NOTES:

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



RECOMMENDED HOLE PATTERN

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

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