

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		pfd	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

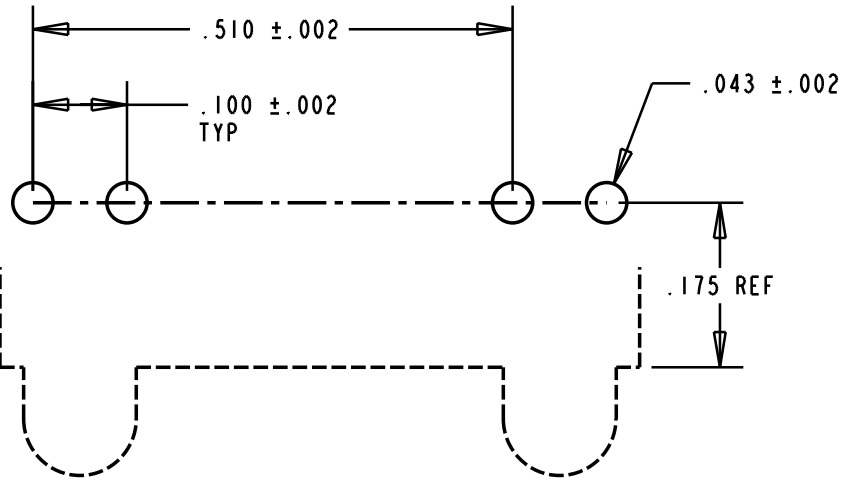
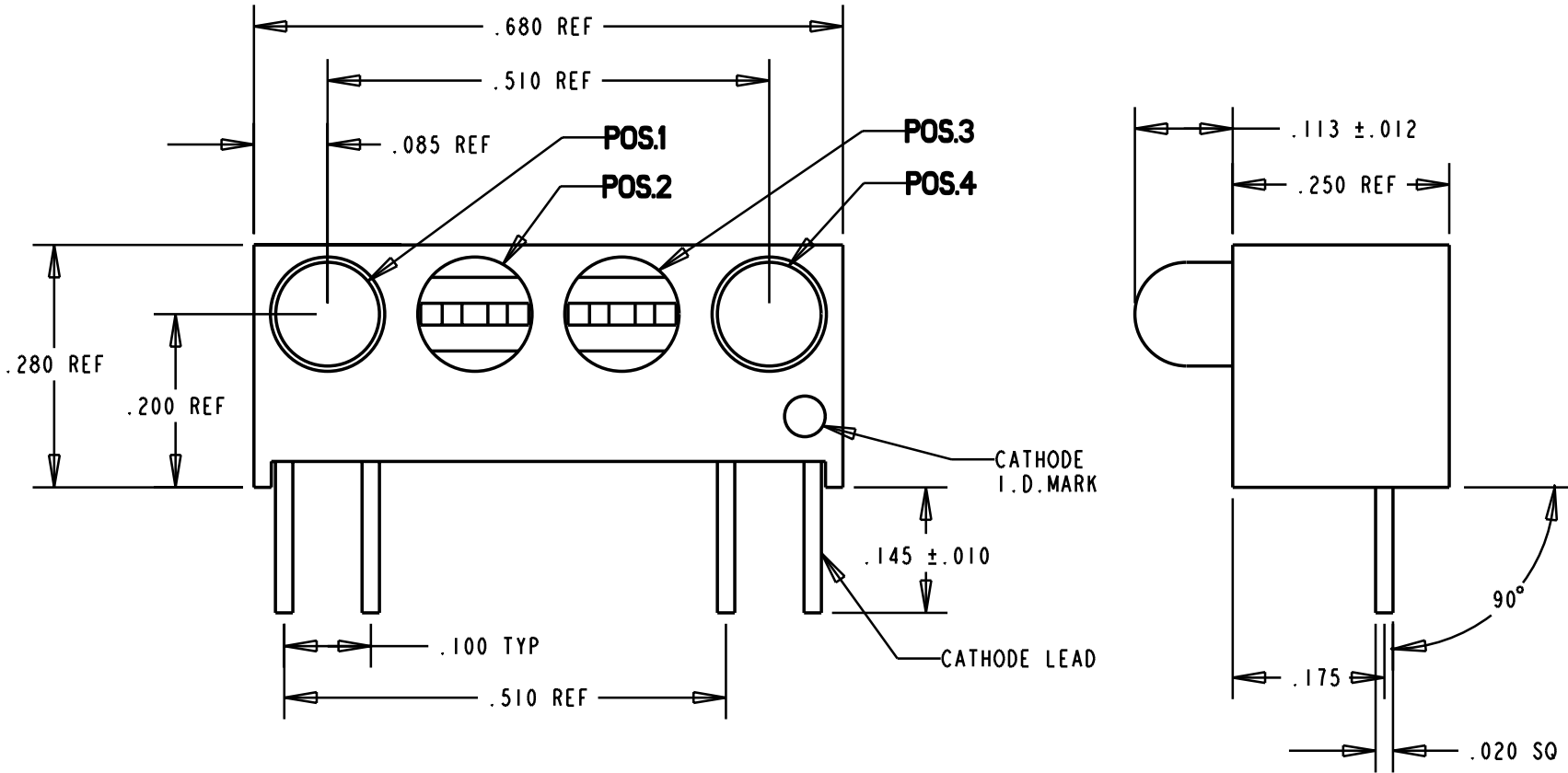
LED COLOR = RED DIFFUSED					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	3.6	10		mcd	I _F = 10 mA
FORWARD VOLTAGE		2.0	3.0	V	I _F = 10 mA
REVERSE VOLTAGE	3.0			V	I _R = 10 µA
PEAK WAVELENGTH		650		nm	
VIEWING ANGLE	45			Degree	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

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE 5:1		REV
ALL DIM'S IN: INCHES		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.020		
DECIMALS (.XXX): ±.015		
DECIMALS (.XXXX): ±.010		
ANGLES: ±1°		
FINISH:		
FSCM 83330		

DRAWING NUMBER	
C-16573	
TITLE	
1x4 CBI BLOCK	
MATERIAL	
Dialight	
1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
SHEET OF	
FAMILY TABLE:	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[551-0004-832F](#)