

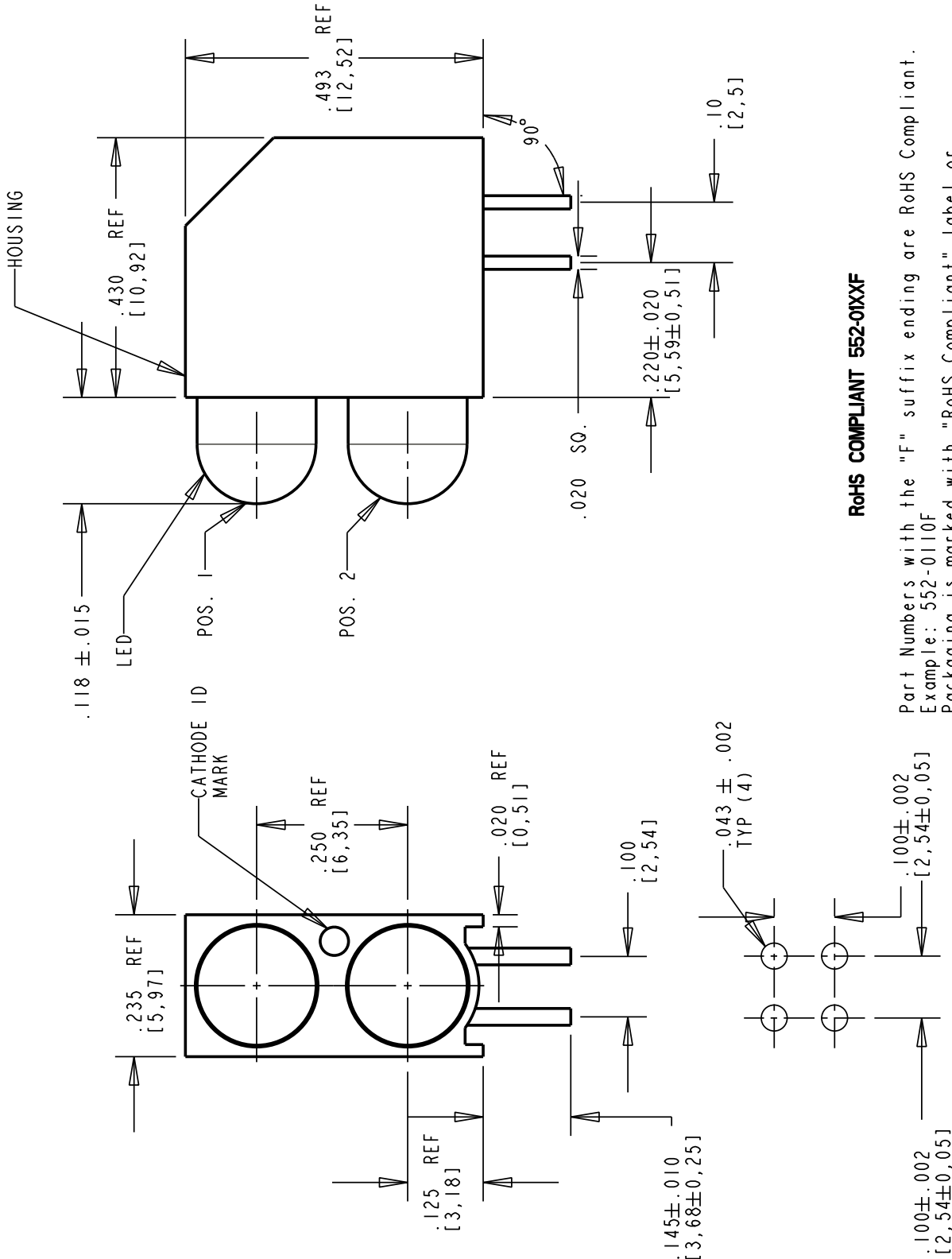
[illegible]

LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	VIEW ANGLE (°) 2θ 1/2	CAPACITANCE (pF); V _F = 0; f=1MHz	LUMINOUS INTENSITY (mcd) I _F = 20 mA 25°C		FORWARD VOLTAGE (V) I _F = 20 mA 25°C		REVERSE CURRENT (μA); 25°C
				MIN	MAX	TYP	MAX	
RED	635	60	20	3.5	12.3	2.0	2.8	100 @ V _R = 5V
YELLOW	585	60	16	3.5	12.3	2.1	2.8	100 @ V _R = 5V
GREEN	565	60	35	3.5	12.3	2.1	2.8	100 @ V _R = 5V

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT				UNITS
	RED	YELLOW	GREEN	
POWER DISSIPATION	80	60	100	mW
CONTINUOUS FORWARD CURRENT	40	20	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	200	80	120	mA
DERATING LINEAR FROM 25°C	0.5	0.25	0.4	mA/°C
REVERSE VOLTAGE	50			V
SOLDERING TEMPERATURE (.063 IN FROM BODY)	260°C FOR 5 SEC			
OPERATING TEMPERATURE	-55 TO +100			°C
STORAGE TEMPERATURE	-55 TO +100			°C

NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. LED LEAD DIMENSIONS SHOWN AND MEASURED AT HOUSING EXIT.
3. FOR DIALIGHT PART NUMBER: 552-01XXF .
4. ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.



P.C. BOARD HOLE PATTERN

RoHS COMPLIANT 552-01XXF

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 552-0110F
Packaging is marked with "RoHS Compliant" label or equivalent markings.
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17534	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: $\pm 1/64$	5mm BI-LEVEL CBI	
DECIMALS (.XX): $\pm .01$	RoHS COMPLIANT	
DECIMALS (.XXX): $\pm .005$	MATERIAL	
DECIMALS (.XXXX): $\pm .0005$		
ANGLES: $\pm 1^\circ$		
FINISH:	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	

ATTENTION:



**OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES**

Dialight

1501 ROUTE 34 SOUTH
ARMINGDALE, NJ 0772

ABLE:

FSCM 83330

ABLE: