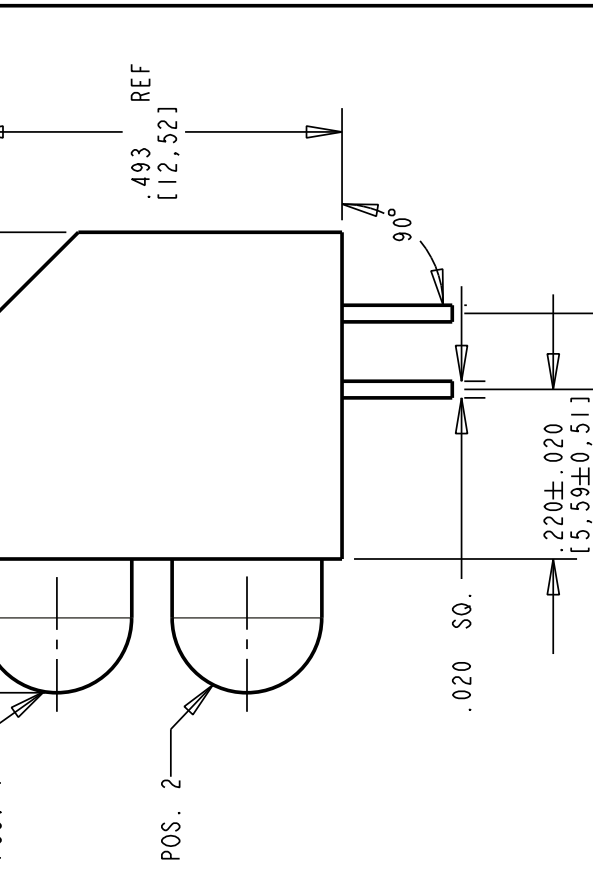
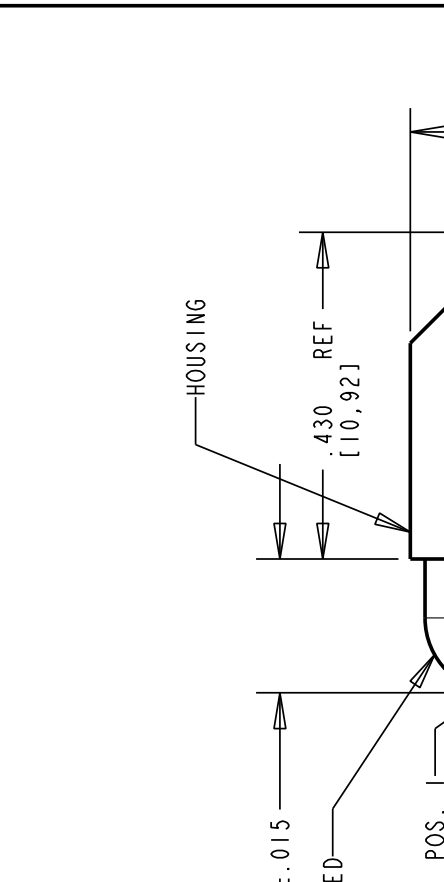


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	ALV			

ASSY. NUMBER (CAT. NUMBER)	POSITION 1	POSITION 2
552-0110F	RED DIFFUSED	RED DIFFUSED
552-0111F	RED DIFFUSED	RED DIFFUSED
552-0112F	RED DIFFUSED	GREEN DIFFUSED
552-0113F	RED DIFFUSED	YELLOW DIFFUSED
552-0120F	GREEN DIFFUSED	GREEN DIFFUSED
552-0121F	RED DIFFUSED	GREEN DIFFUSED
552-0122F	GREEN DIFFUSED	GREEN DIFFUSED
552-0123F	YELLOW DIFFUSED	GREEN DIFFUSED
552-0131F	RED DIFFUSED	YELLOW DIFFUSED
552-0132F	YELLOW DIFFUSED	GREEN DIFFUSED
552-0133F	YELLOW DIFFUSED	YELLOW DIFFUSED



LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	VIEW ANGLE (°)	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) I _R = 5V 25°C	
				MIN	TYP	TYP	MAX	MAX	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
POWER DISSIPATION	RED 80, YELLOW 60, GREEN 100	mW
CONTINUOUS FORWARD CURRENT	40	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	200	mA
DERATING LINEAR FROM 25°C	0.5	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:

- ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- LED LEAD DIMENSIONS SHOWN AND MEASURED AT HOUSING EXIT.
- FOR DIALIGHT PART NUMBER: 552-01XXF.
- 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.

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.



SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17534	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	MATERIAL
FRACTIONS: ±1/64	5mm BI-LEVEL CBI	RoHS COMPLIANT
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		

ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

FSCM 83330 SHEET 1 OF 1 FAMILY TABLE:

Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727