

PART NUMBER	COLOR	
	POS. 1	POS. 2
552-0710F	RED/GREEN	**BLANK**
552-0711F	RED/GREEN	RED/GREEN
552-0742F	YELLOW/GREEN	GREEN
552-0744F	YELLOW/GREEN	YELLOW/GREEN

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	CE	MES	NO	7-26-07
B	—	CHANGED RED CATHODE LEAD TO CATHODE I.D. SIDE	CE	N.O.	MES	9-6-07
C	—	".145±.010" WAS ".145", ".100±.002" WAS ".100" (2X), ".043±.002" WAS ".043".	KLJ	—	NO	3-18-07
D	—	ADDED P/Ns 552-0710F & 552-0742F	LD	—	SK	8-13-18

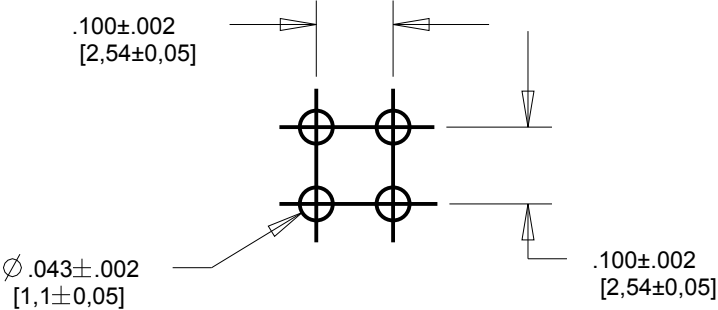
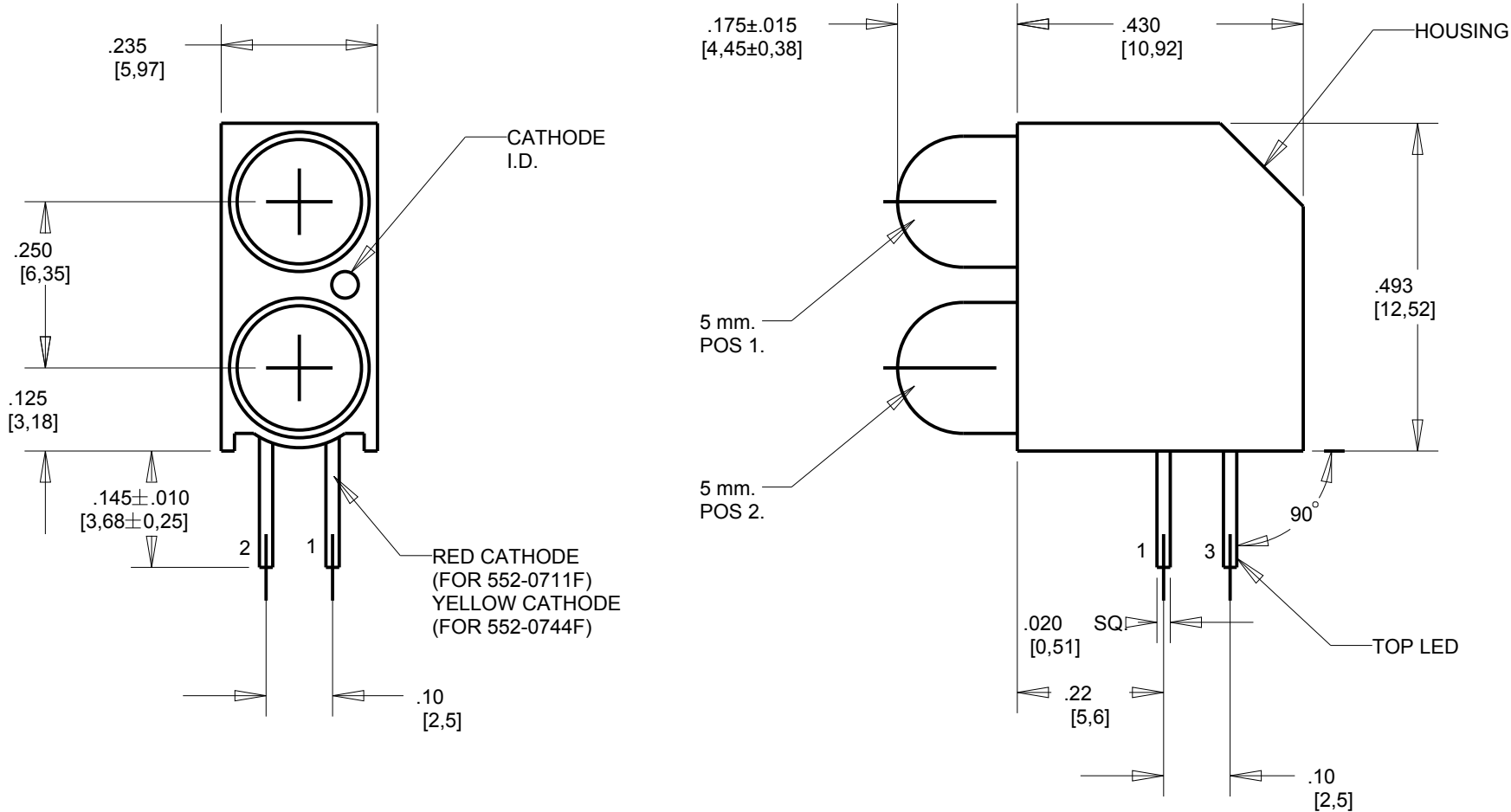
552-0711F OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	29 12.6	90 40		mcd	I = 20 mA
FORWARD VOLTAGE		1.8 2.1	2.4 2.8	V	I = 20 mA
REVERSE CURRENT		^R 100		µA	V = 5V
PEAK WAVELENGTH		660 565		nm	
VIEWING ANGLE		60		deg.	

552-0744F OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	2.5	8.7		mcd	I = 20 mA
FORWARD VOLTAGE		2.1 F	2.8	V	I = 20 mA
REVERSE CURRENT		^R 100		µA	V = 5V
PEAK WAVELENGTH		565 585		deg.	
VIEWING ANGLE		50		nm	

ABSOLUTE MAXIMUM RATINGSAT 25 °C AMBIENT	552-0711F		552-0744F		UNITS
	COLOR		COLOR		
	RED	GREEN	YELLOW	GREEN	
POWER DISSIPATION	100	100	60	100	mW
FORWARD CURRENT	40	30	20	30	mA
REVERSE VOLTAGE	4	5			V
OPERATING TEMPERATURE	-55 TO +100				°C
STORAGE TEMPERATURE	-55 TO +100				°C

RoHS Compliant 552-07XXF
Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 552-0744F
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: DRAWING SCALE ALL DIM's: INCH (mm)	DRAWING NUMBER C-17488	REV D
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ± 1/64 DECIMALS (.XX): ± .01 DECIMALS (.XXX): ± .005 DECIMALS (.XXXX): ± .0005 ANGLES: ± 1°	TITLE 5 mm BI-LEVEL CBI LED RoHS COMPLIANT	
FINISH	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE:



RECOMMENDED HOLE PATTERN GAUGE

NOTES:

1. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
2. LED LEAD DIMENSIONS SHOWN AND MESURED AT HOUSING EXIT.
3. FOR DIALIGHT INTERNAL DRAWING REFER TO 552-07XXF.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH 1PC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES