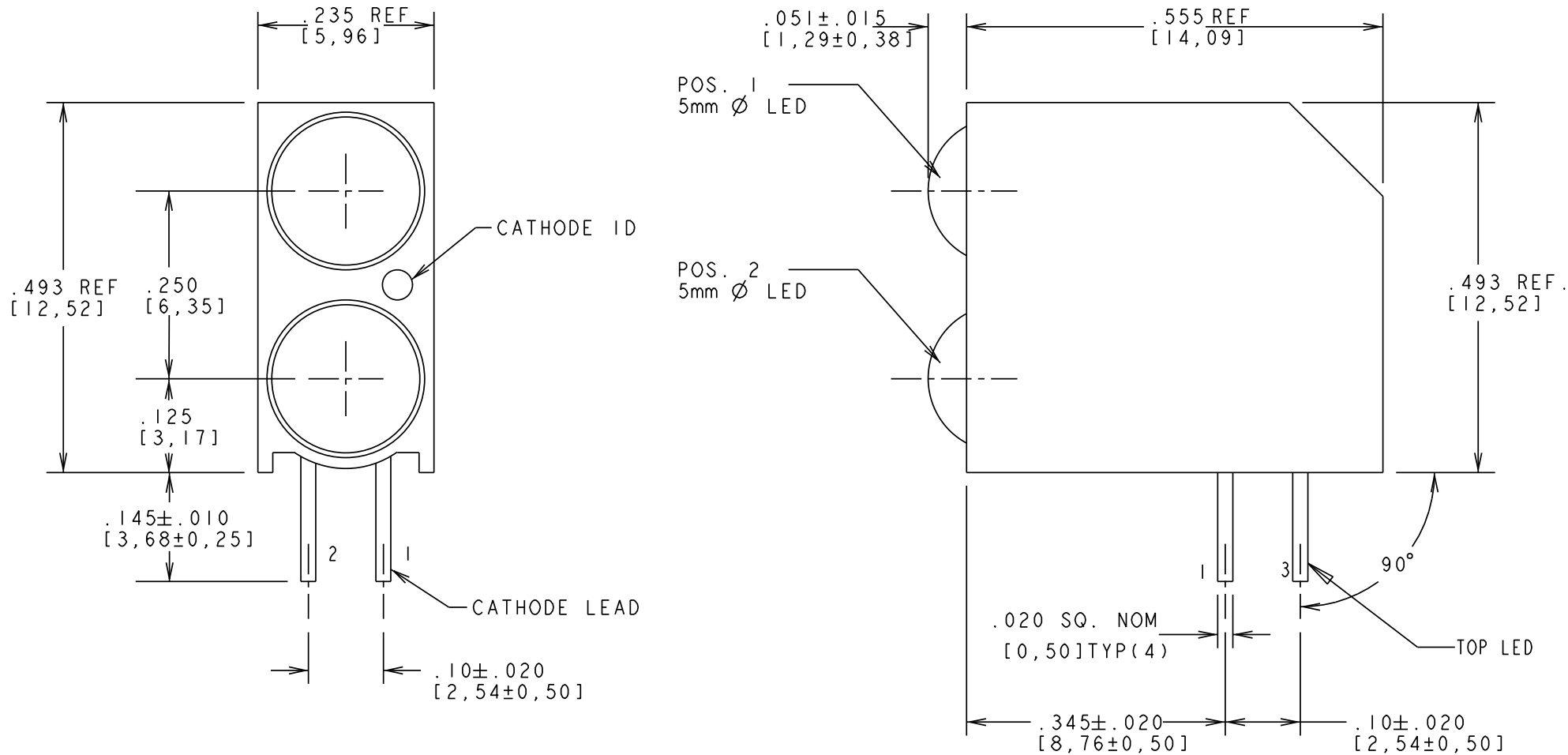


ASS'Y NO.	LED COLOR	
	POSITION 1	POSITION 2
552-2212-804F	RED WC	GREEN WC
552-2233-805F	AMBER WC	AMBER WC
552-2221-806F	GREEN WC	RED WC

ABSOLUTE MAXIMUM RATING AT 25° C AMBIENT	RED	GREEN	AMBER	UNITS
CONTINUOUS FORWARD CURRENT	50	30	50	mA
REVERSE VOLTAGE (I _R =100 μA)	5	5	5	V
SOLDERING TEMPERATURE (.06 in. BELOW SEATING PLANE FOR 5 sec)	260°C	260°C	260°C	°C
OPERATING TEMPERATURE	-40 TO +100	-20 TO +100	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +120	-55 TO +100	-40 TO +120	°C

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	NO	MES	3-29-06
B	—	ADDED TOLERANCE ±.015 to .051, METRIC DIM. AND WC TO LED _s .	CE			

- NOTES:
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING.
 - LEADS TO FIT INTO HOLES SPACED AS PER PATTERN GAUGE.
 - LAMP MUST BE SEATED ALL THE WAY DOWN INTO THE HOUSING. BENDS MUST BE TIGHT, NO LONGITUDINAL TRAVEL ALONG THE AXIS ALLOWED.
 - FOR DIALIGHT DRAWING REFER TO 552-2212-804F, -2233-805F, -2221-806F
 - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



OPERATING CHARACTERISTICS AT T_A = 25°

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V _F	FORWARD VOLTAGE	RED		1.9	2.4	V	I _F = 20 mA
		GREEN		2.2	3.0		
		AMBER		2.02	2.4		
λ _{PK}	PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
		GREEN		568			
		AMBER		592			
I _V	LUMINOUS INTENSITY	RED	1400	2100		mcd	@ 20 mA
		GREEN	170	300			
		AMBER	1600	3100			

RoHS Compliant 552-22XX-80XF Bi-level Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 552-2212-804F
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.

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: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17390	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 5mm CBI BI-LEVEL FOR BACKLIGHTING, RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 11 OF 11	FAMILY TABLE:

ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

