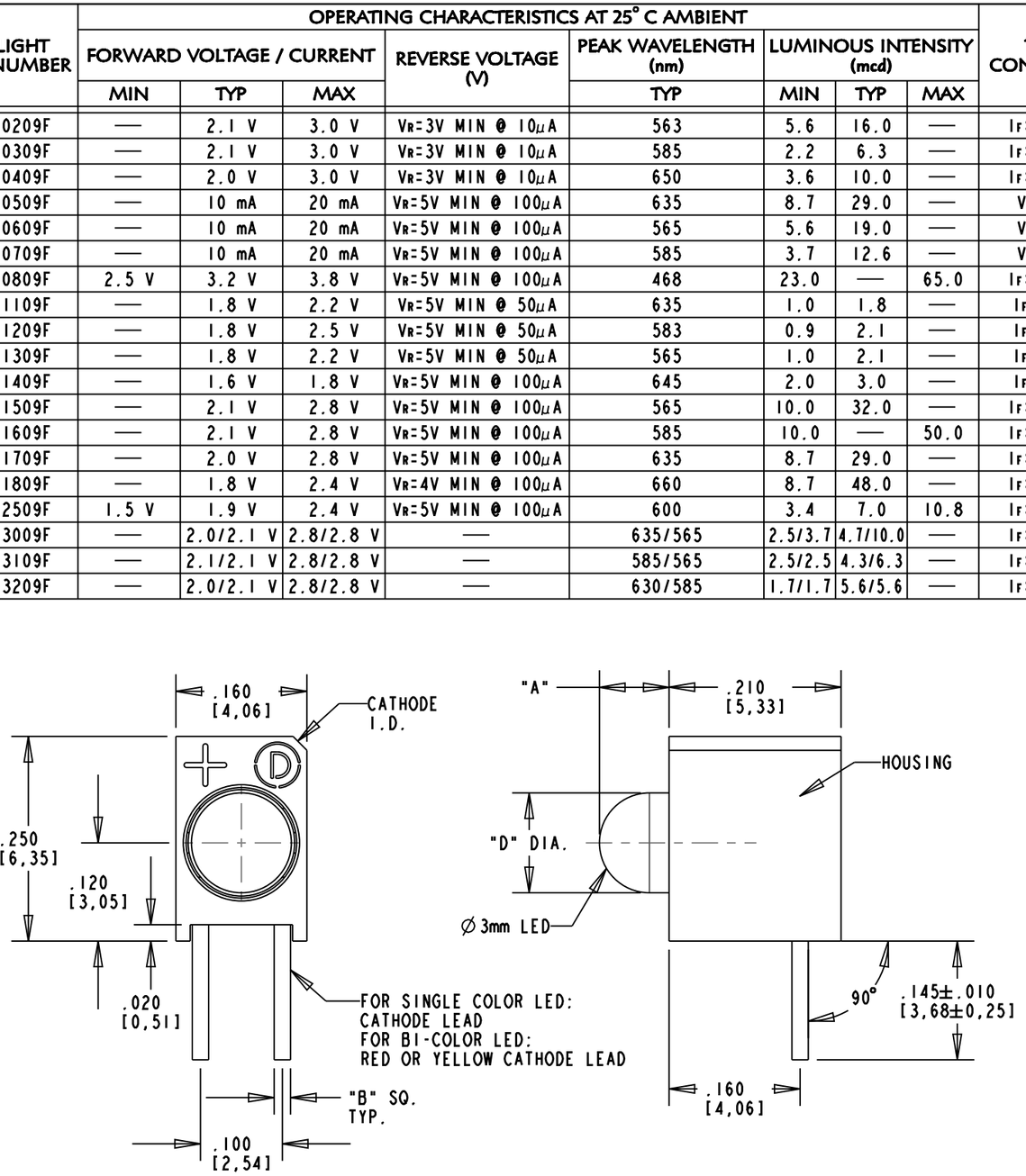
DIALIGHT PART NUMBER	OPERATING CHARACTERISTICS AT 25° C AMBIENT								TEST CONDITION
	FORWARD VOLTAGE / CURRENT			REVERSE VOLTAGE (V)	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd)			
	MIN	TYP	MAX		TYP	MIN	TYP	MAX	
551-0209F	—	2.1 V	3.0 V	VR=3V MIN @ 10µA	563	5.6	16.0	—	IF=10 mA
551-0309F	—	2.1 V	3.0 V	VR=3V MIN @ 10µA	585	2.2	6.3	—	IF=10 mA
551-0409F	—	2.0 V	3.0 V	VR=3V MIN @ 10µA	650	3.6	10.0	—	IF=10 mA
551-0509F	—	10 mA	20 mA	VR=5V MIN @ 100µA	635	8.7	29.0	—	VF=5 V
551-0609F	—	10 mA	20 mA	VR=5V MIN @ 100µA	565	5.6	19.0	—	VF=5 V
551-0709F	—	10 mA	20 mA	VR=5V MIN @ 100µA	585	3.7	12.6	—	VF=5 V
551-0809F	2.5 V	3.2 V	3.8 V	VR=5V MIN @ 100µA	468	23.0	—	65.0	IF=10 mA
551-1109F	—	1.8 V	2.2 V	VR=5V MIN @ 50µA	635	1.0	1.8	—	IF=2 mA
551-1209F	—	1.8 V	2.5 V	VR=5V MIN @ 50µA	583	0.9	2.1	—	IF=2 mA
551-1309F	—	1.8 V	2.2 V	VR=5V MIN @ 50µA	565	1.0	2.1	—	IF=2 mA
551-1409F	—	1.6 V	1.8 V	VR=5V MIN @ 100µA	645	2.0	3.0	—	IF=1 mA
551-1509F	—	2.1 V	2.8 V	VR=5V MIN @ 100µA	565	10.0	32.0	—	IF=10 mA
551-1609F	—	2.1 V	2.8 V	VR=5V MIN @ 100µA	585	10.0	—	50.0	IF=10 mA
551-1709F	—	2.0 V	2.8 V	VR=5V MIN @ 100µA	635	8.7	29.0	—	IF=10 mA
551-1809F	—	1.8 V	2.4 V	VR=4V MIN @ 100µA	660	8.7	48.0	—	IF=20 mA
551-2509F	1.5 V	1.9 V	2.4 V	VR=5V MIN @ 100µA	600	3.4	7.0	10.8	IF=10 mA
551-3009F	—	2.0/2.1 V	2.8/2.8 V	—	635/565	2.5/3.7	4.7/10.0	—	IF=10 mA
551-3109F	—	2.1/2.1 V	2.8/2.8 V	—	585/565	2.5/2.5	4.3/6.3	—	IF=10 mA
551-3209F	—	2.0/2.1 V	2.8/2.8 V	—	630/585	1.7/1.7	5.6/5.6	—	IF=20 mA

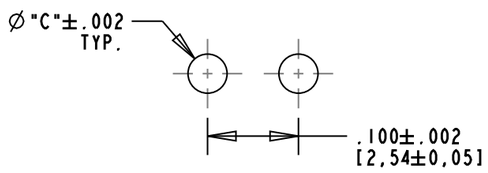
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	———	NEW RELEASE	TWC	TC	N.O.	8-29-05
B	———	ADDED P/N 551-2509F	TWC	——	——	———
C	———	UPDATED LED SPECS; ADDED DUAL DIMS.; (.XX) WAS ±.01 (.XXX) WAS ±.005; ADDED NOTES 2,3,4, & 5.	AJF	KLJ	NO	4-15-11

RoHS COMPLIANT 551-XX09F

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 551-0209F
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.

DIALIGHT PART NUMBER	LED COLOR	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION	"D" DIMENSION
551-0209F	GREEN DIFFUSED	.095	.020	.043	.122±.008
551-0309F	YELLOW DIFFUSED	.095	.020	.043	.122±.008
551-0409F	RED DIFFUSED	.095	.020	.043	.122±.008
551-0509F	RED DIFFUSED, 5 V	.085	.018	.040	.115±.010
551-0609F	GREEN DIFFUSED, 5 V	.085	.018	.040	.115±.010
551-0709F	YELLOW DIFFUSED, 5 V	.085	.018	.040	.115±.010
551-0809F	BLUE NON-TINTED DIFFUSED	.085	.018	.040	.118±.010
551-1109F	2 mA RED DIFFUSED	.085	.018	.040	.115±.010
551-1209F	2 mA YELLOW DIFFUSED	.085	.018	.040	.115±.010
551-1309F	2 mA GREEN DIFFUSED	.085	.018	.040	.115±.010
551-1409F	1 mA RED WATER CLEAR	.085	.018	.040	.115±.010
551-1509F	GREEN TINTED NON-DIFFUSED	.085	.018	.040	.115±.010
551-1609F	YELLOW TINTED NON-DIFFUSED	.085	.018	.040	.115±.010
551-1709F	RED TINTED NON-DIFFUSED	.085	.018	.040	.115±.010
551-1809F	RED TINTED DIFFUSED	.085	.020	.043	.118±.010
551-2509F	ORANGE DIFFUSED	.085	.018	.040	.115±.010
551-3009F	RED/GREEN BI-COLOR	.085	.020	.043	.118±.010
551-3109F	YELLOW/GREEN BI-COLOR	.085	.020	.043	.118±.010
551-3209F	RED/YELLOW BI-COLOR	.085	.020	.043	.118±.010





RECOMMENDED HOLE PATTERN GAUGE

NOTES:

1. DIALIGHT PART NUMBER: 551-XX09F.
2. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
3. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
4. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

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: 6.000
ALL DIM'S IN: INCHES (MM)
TOLERANCES:
UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.02
DECIMALS (.XXX): ±.015
ANGLES: ±3°
FINISH:
FSCM 83330

DRAWING NUMBER: C-17296
REV: C
TITLE: Ø3mm LED CBI RoHS COMPLIANT
MATERIAL:

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: