

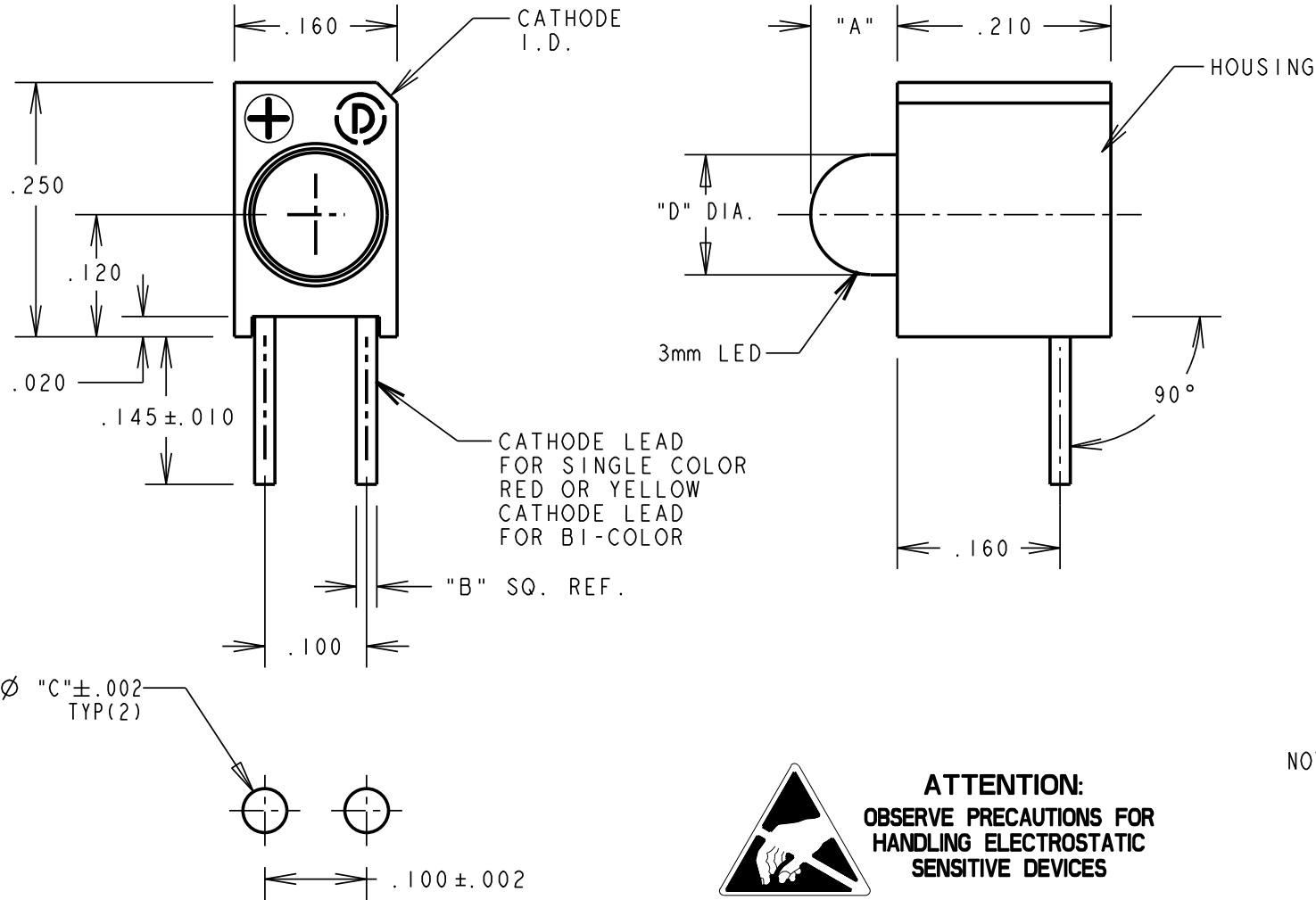
PART NUMBER	OPERATING CHARACTERISTICS AT T _A =25℃										TEST CONDITIONS
	FORWARD VOLTAGE/CURRENT			REVERSE VOLTAGE (V)	PEAK WAVELENGTH (nm)			LUMINOUS INTENSITY (mcd)			
	MIN	TYP	MAX		MIN	TYP	MAX	MIN	TYP	MAX	
551-0209F		2.1 V	3.0 V	V _R = 3 V MIN @ 10μA		563		5.6	16.0		I _F = 10 mA
551-0309F		2.1 V	3.0 V	V _R = 3 V MIN @ 10μA		585		2.2	6.3		I _F = 10 mA
551-0409F		2.0 V	3.0 V	V _R = 3 V MIN @ 10μA		650		3.6	10		I _F = 10 mA
551-0509F		10 mA	20 mA	V _R = 5 V MIN @ 100μA		635		8.7	29		V _F = 5 V
551-0609F		10 mA	20 mA	V _R = 5 V MIN @ 100μA		565		5.6	19		V _F = 5 V
551-0709F		10 mA	20 mA	V _R = 5 V MIN @ 100μA		585		3.7	12.6		V _F = 5 V
* 551-0809F		3.5 V	4.2 V	V = 5 V MIN @ 10 mA		428		6.3		20	I _F = 10 mA
551-1109F		1.7 V	2.2 V	V _R = 5 V MIN @ 50μA		635		1.0	1.6		I _F = 2 mA
551-1209F		1.8 V	2.7 V	V _R = 5 V MIN @ 50μA		585		1.0	1.6		I _F = 2 mA
551-1309F		1.9 V	2.2 V	V _R = 5 V MIN @ 50μA		565		1.0	1.6		I _F = 2 mA
551-1409F		1.6 V	1.8 V	V _R = 5 V MIN @ 100μA		645		2	3		I _F = 1 mA
551-1509F		2.1 V	2.8 V	V = 5 V MIN @ 100μA		565		32	50		I _F = 10 mA
551-1609F		2.1 V	2.8 V	V = 5 V MIN @ 100μA		585		10		50	I _F = 10 mA
551-1709F		2.0 V	2.8 V	V = 5 V MIN @ 100μA		635		8.7	29		I _F = 10 mA
551-1809F		1.8 V	2.4 V	V = 4 V MIN @ 100μA		660		8.7	48.0		I _F = 20 mA
551-2509F	1.5 V	1.9 V	2.4 V	V = 5 V MIN @ 100μA		600		3.4	7.0	10.8	I _F = 10 mA
551-3009F		2.0/2.1	2.8/2.8	N/A		635/565		2.5/3.7	4.7/10		I _F = 10 mA
551-3109F		2.1/2.1	2.8/2.8	N/A		585/565		2.5/2.5	4.3/6.3		I _F = 10 mA
551-3209F		2.0/2.1	2.8/2.8	N/A		630/585		1.7/1.7	5.6/5.6		I _F = 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			

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 DIFF. 5 VOLT	.085	.018	.040	.115±.010
551-0609F	GREEN DIFF. 5 VOLT	.085	.018	.040	.115±.010
551-0709F	YELLOW DIFF. 5 VOLT	.085	.018	.040	.115±.010
* 551-0809F	BLUE NON-TINTED DIFFUSED	.091	.020	.043	.110±.004
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-DIFF.	.085	.018	.040	.115±.010
551-1609F	YELLOW TINTED NON-DIFF.	.085	.018	.040	.115±.010
551-1709F	RED TINTED NON-DIFF.	.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

RoHS Compliant 551-XX09F Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 551-1309F
The bag 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.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

NOTES:

1. DIALIGHT PART NUMBER: 551-XX09F

* ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING
ELECTROSTATIC SENSITIVE DEVICES.

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17296	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3mm LED CBI RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
SHEET 1 OF 1		FAMILY TABLE:

RECOMMENDED P.C. BOARD HOLE PATTERN