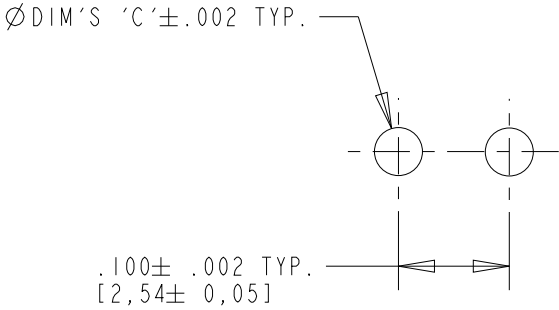
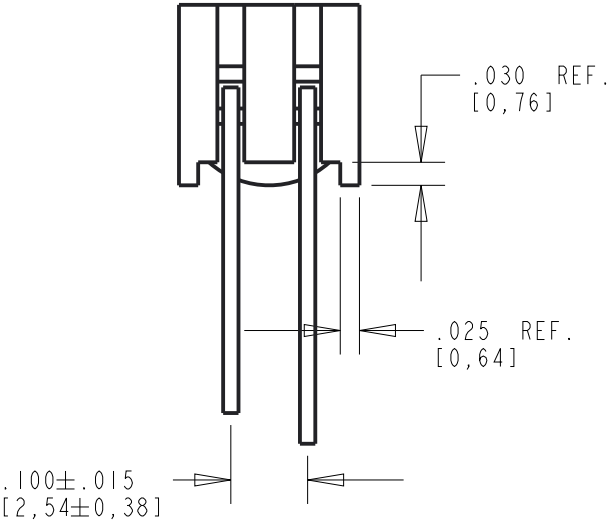
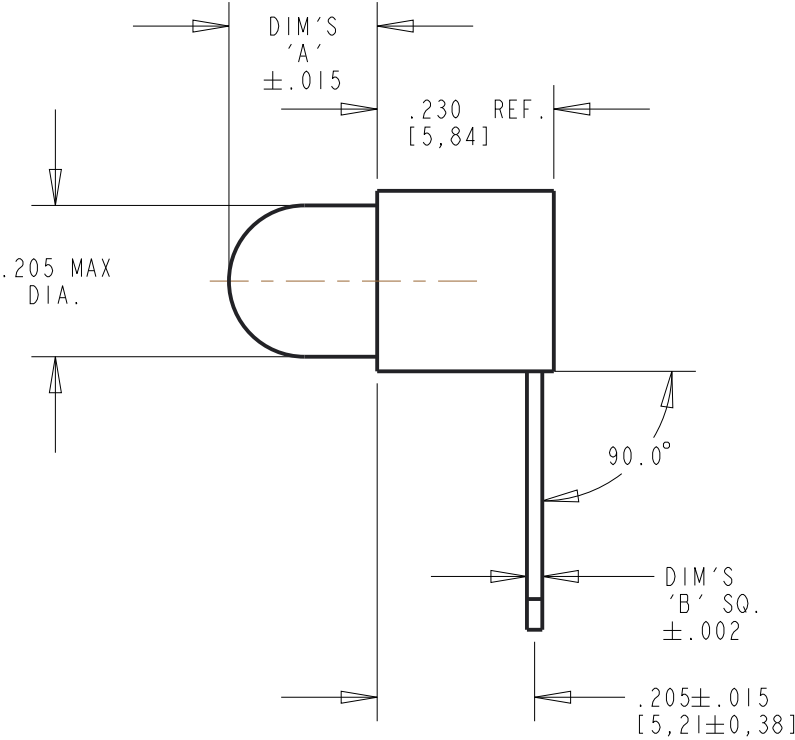
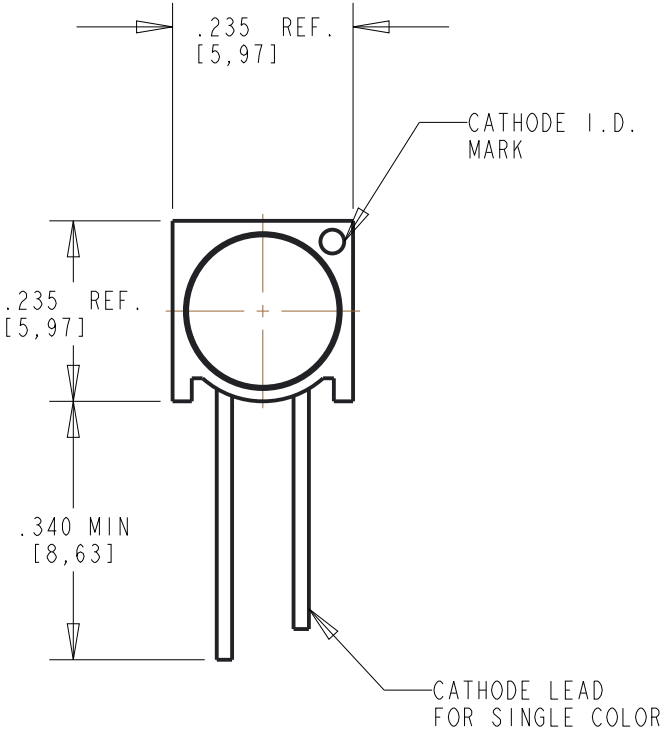


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	94258	NEW RELEASE	LD		CS			6-14-22

ASSEMBLY NUMBER	LED COLOR	DIMENSIONS			LED OPERATING CHARACTERISTICS AT 25°C AMBIENT										ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT				
					PEAK WAVELENGTH (nm) TYP	DOMINANT WAVELENGTH (nm) TYP	VIEWING ANGLE (°)	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT (mA)	POWER DISSIPATION (mW)	CONTINUOUS FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)
		DIM "A"	DIM "B"	DIM "C"				TEST CONDITION	MIN	TYP	MAX	TEST CONDITION	TYP	MAX	MAX				
550-0205-100F	GREEN DIFFUSED	.135	.020	.043	565	570	60	10 mA	25	60	90	20 mA	2.1	2.6	100 @ Vf=5V	100	30	90	-55 TO +100
550-0305-100F	YELLOW DIFFUSED	.135	.020	.043	585	588	60	10 mA	3.7	12.6		20 mA	2.1	2.6	100 @ Vf=5V	60	20	80	-55 TO +100
550-0405-100F	RED DIFFUSED	.135	.020	.043	635	625	60	10 mA	19	60		20 mA	2.0	2.6	100 @ Vf=5V	100	30	120	-55 TO +100
550-0505-100F	RED DIFFUSED 5 VOLT	.197	.025	.050	635		60	5v	2.1	—			—	—	100 @ Vf=5V	—	—	—	-40 TO +85
550-0705-100F	GREEN DIFFUSED 5 VOLT	.197	.025	.050	565		60	5v	—	1.8			—	—	100 @ Vf=5V	—	—	—	-20 TO +85
550-2205-100F	GREEN DIFFUSED	.190	.020	.043	563		65	10 mA	3.6	10.0			2.1	3.0	10 @ Vf=3V	75	25	60	-25 TO +85
550-2305-100F	YELLOW DIFFUSED	.190	.020	.043	585	590	50	10 mA	19	40	100	20 mA	2.1	2.6	100 @ Vf=5V	52	20	60	-40 TO +85
550-2405-100F	RED DIFFUSED	.190	.020	.043	650		50	10 mA	2.2	6.3			2.2	2.55	10 @ Vf=3V	60	20	60	-25 TO +85



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

NOTES:

- LEADS TO FIT INTO HOLE PATTERN AS SHOWN.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- DIALIGHT PART NUMBER: 550-XX05-100F.

RECOMMENDED P.C.B. HOLE PATTERN

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18570	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005	TITLE	
ANGLES: ±1°	5mm LED CBI, SQ. BACK HOUSING	
FINISH	RoHS COMPLIANT	
FSCM 83330	MATERIAL	
	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com
	SHEET 1 OF 1	FAMILY TABLE: