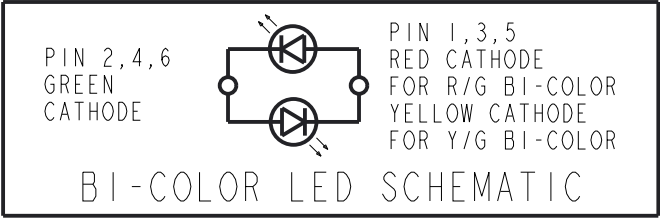
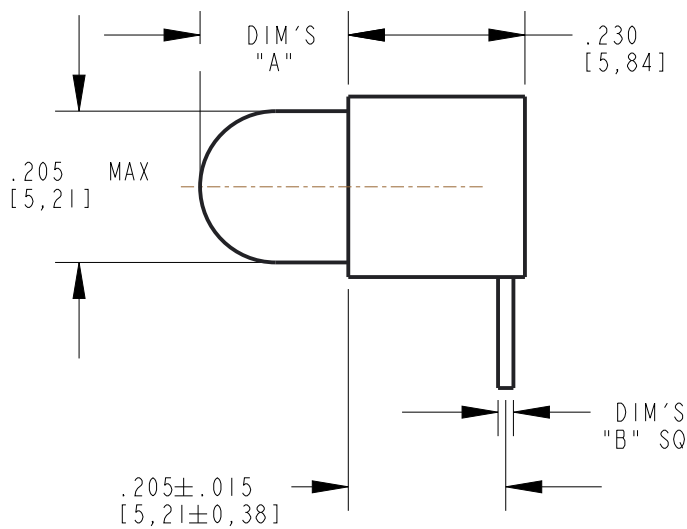
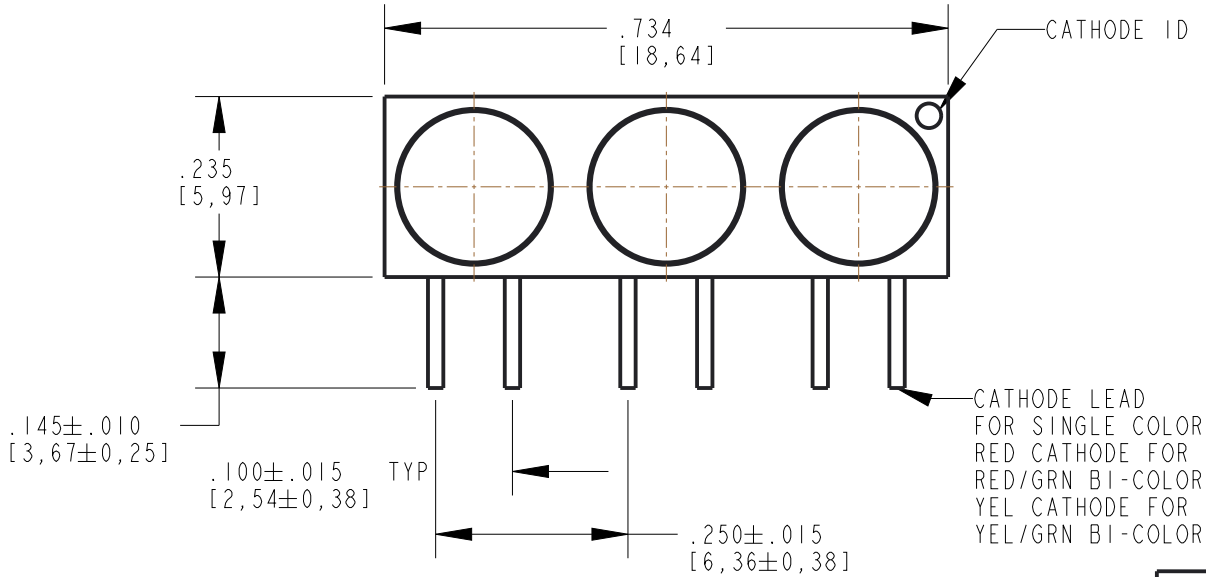
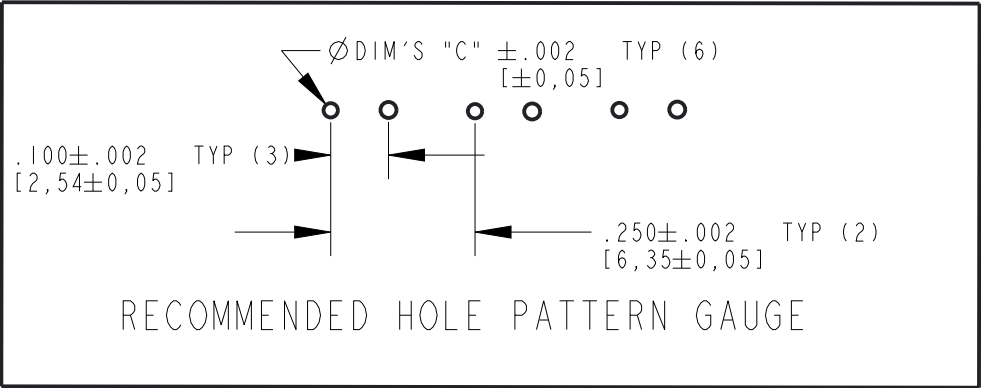


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	92625	NEW RELEASE	LD		NO			5-2-22

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)
		TEST CONDITION	MIN	TYP				MAX	TEST CONDITION	TYP	MAX	MAX								
550-0205-003F	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	-55 TO +100
550-0305-003F	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	-55 TO +100
550-0405-003F	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	-55 TO +100
550-0505-003F	RED DIFFUSED 5 VOLT	.197	.025	.050	635		60	5v	2.1	—			—	—	100 @ VF=5V	—	—	—	-40 TO +85	-40 TO +100
550-0705-003F	GREEN DIFFUSED 5 VOLT	.197	.025	.050	565		60	5v	—	1.8			—	—	100 @ VF=5V	—	—	—	-20 TO +85	-40 TO +100
550-0805-003F	YELLOW DIFFUSED 5 VOLT	.197	.025	.050	583		60	5v	2.0	8.0			—	—	100 @ VF=5V	—	—	—	-40 TO +85	-55 TO +100
550-1105-003F	RED TINTED DIFFUSED 2mA	.197	.018	.040	635	626	50	2 mA	1.5	2.3		2 mA	1.7	2.0	50 @ VF=5V	14	7	7	-40 TO +100	-40 TO +100
550-1205-003F	YELLOW TINTED DIFFUSED 2mA	.197	.018	.040	583	565	50	2 mA	1.2	1.8		2 mA	1.9	2.7	50 @ VF=5V	36	7	7	-55 TO +100	-55 TO +100
550-1305-003F	GREEN TINTED DIFFUSED 2mA	.197	.018	.040	565		50	2 mA	1.2	1.8		2 mA	1.9	2.2	50 @ VF=5V	15.4	7	7	-20 TO +100	-40 TO +100
550-2205-003F	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	-30 TO +100
550-2305-003F	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	-40 TO +100
550-2405-003F	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	-30 TO +100
550-2505-003F	ORANGE DIFFUSED	.190	.018	.040	600	605	60	10 mA	6.1	60		10 mA	1.9	2.4	100 @ VF=5V	135	25	90	-40 TO +100	-40 TO +100
550-3005-003F	RED/GREEN BI-COLOR	.197	.020	.043	660/565		60	20 mA	29/12.6	90/40			1.8/2.1	2.4/2.8	100 @ VF=5V	100/100	40/30	200/120	-55 TO +100	-55 TO +100
550-3105-003F	YEL/GREEN BI-COLOR	.190	.020	.043	585/565		50	20 mA	2.5/2.5	8.7/8.7			2.1/2.1	2.8/2.8	100 @ VF=5V	60/100	20/30	80/120	-55 TO +100	-55 TO +100
550-5105-003F	RED DIFFUSED	.190	.020	.043	635	623	50	10 mA	19	40	90	20 mA	2.1	2.6	100 @ VF=5V	81	30	60	-40 TO +85	-40 TO +100
550-5205-003F	GREEN TINTED DIFFUSED	.190	.020	.043	569	571	50	10 mA	19	40	90	20 mA	2.2	2.6	100 @ VF=5V	52	20	60	-40 TO +85	-40 TO +100
550-5505-003F	RED NON-DIFFUSED, WATER CLEAR	.197	.018	.040	635		24	20 mA	80	125			2.2	3.0	100 @ VF=5V	135	30	500	-55 TO +100	-55 TO +100
550-5605-003F	GRN NON-DIFFUSED, WATER CLEAR	.197	.018	.040	565		24	20 mA	80	120			2.3	3.0	100 @ VF=5V	135	30	500	-20 TO +100	-55 TO +100
550-5705-003F	YEL NON-DIFFUSED, WATER CLEAR	.197	.018	.040	583		24	20 mA	80	140			2.2	3.0	100 @ VF=5V	85	20	500	-55 TO +100	-55 TO +100



- 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-XX05-003F.



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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18854	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	5mm MULTI-BLOCK CBI	
FINISH	MATERIAL	
NONE	SEE MAPICS	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE: