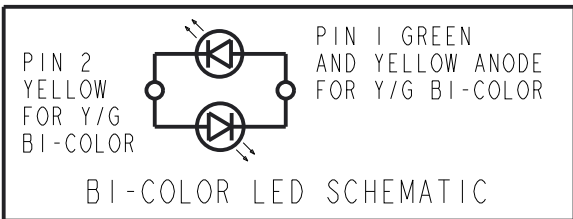
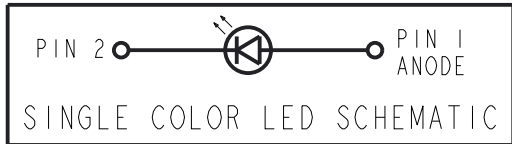
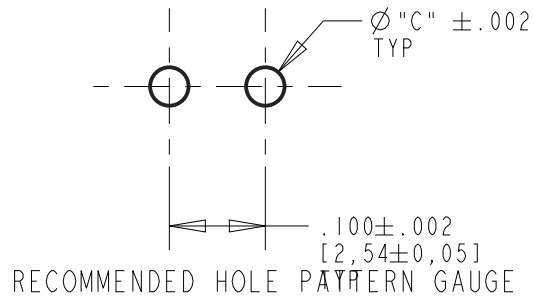
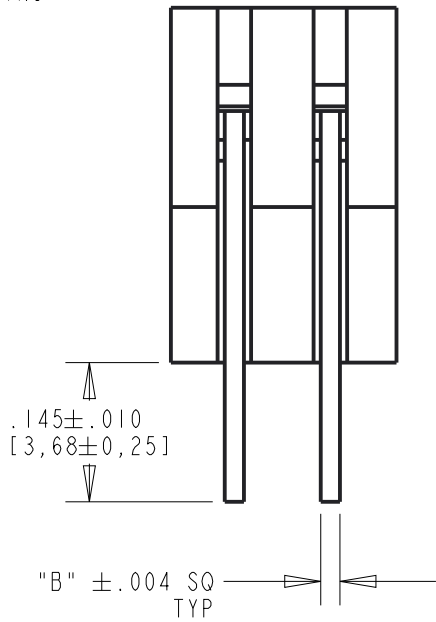
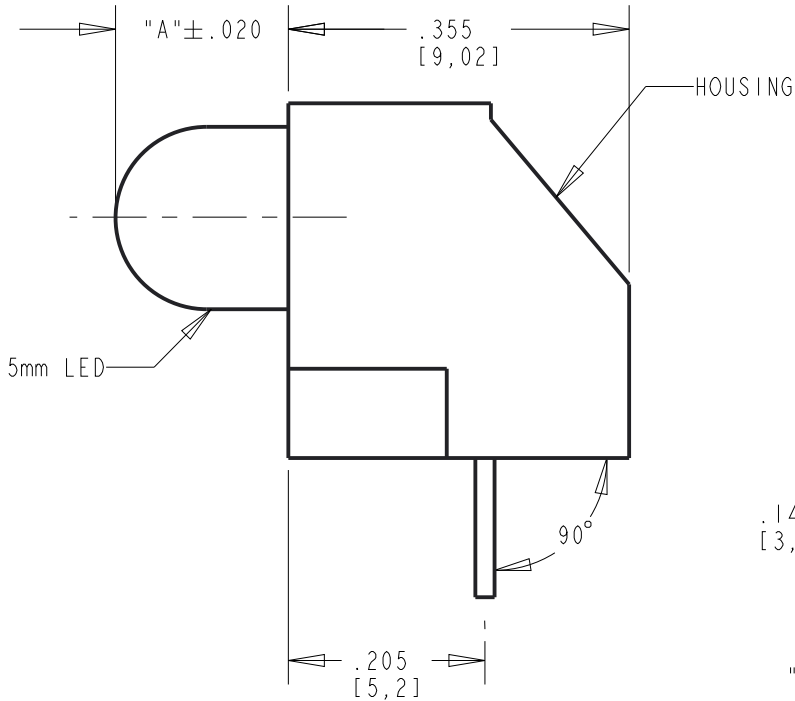
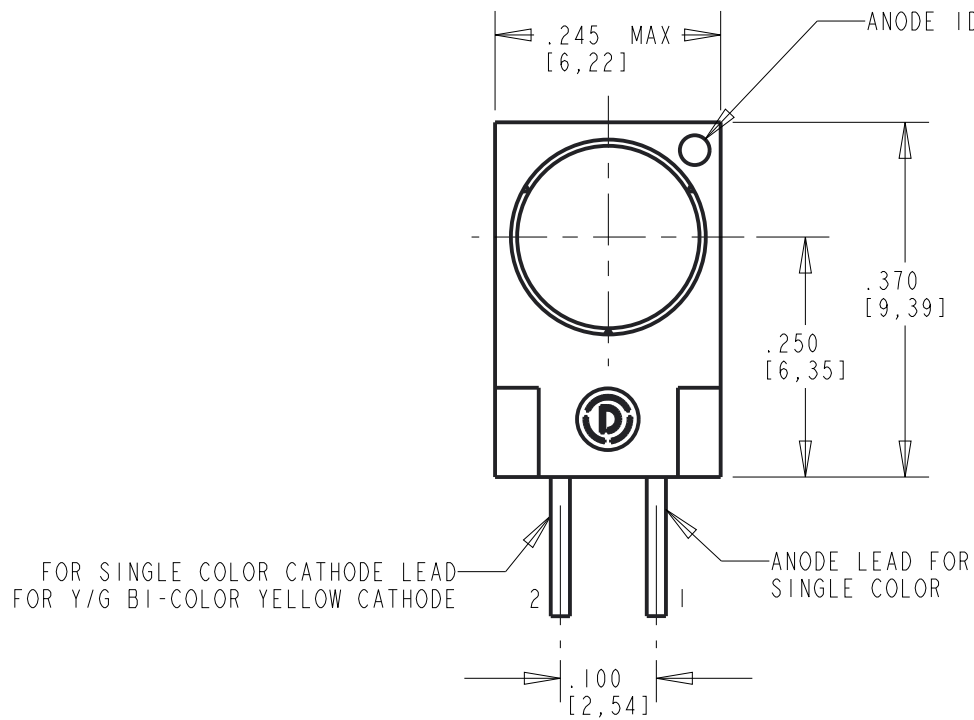


DIALIGHT PART NUMBER	LED COLOR	DIM "A"	DIM "B"	DIM "C"	OPERATING CHARACTERISTICS AT 25°C AMBIENT										ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT							
					LUMINOUS INTENSITY TEST CONDITION	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE/ FORWARD CURRENT TEST COND	FORWARD VOLTAGE (V)		REVERSE CURRENT (μA)	DOMINANT WAVELENGTH (nm)	PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEG)	POWER DISSIP- ATION (mW)	DC FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE (V)	STORAGE TEMP (°C)	OPERATING TEMP (°C)	SOLDERING TEMP FOR 5 SECONDS (°C)
						MIN	TYP	MAX		TYP	MAX											
550-1108-010F	RED DIFF. LOW CURRENT	.187	.018	.040	I _F = 2mA	1.5	2.3	4.2	I _F = 2mA	1.7	2.0	50	626	635	50	24	7	7	5	-55 TO +100	-55 TO +100	260
550-1208-010F	YELLOW DIFF. LOW CURRENT	.187	.018	.040	I _F = 2mA	1.2	1.8	—	I _F = 2mA	1.9	2.7	50	—	583	50	36	7	7	5	-55 TO +100	-55 TO +100	260
550-1308-010F	GREEN DIFF. LOW CURRENT	.187	.018	.040	I _F = 2mA	1.2	1.8	—	I _F = 2mA	1.8	2.2	50	—	565	50	24	7	7	5	-55 TO +100	-55 TO +100	260
550-2208-010F	GREEN DIFF.	.180	.020	.043	I _F = 10mA	3.6	10	—	I _F = 10mA	2.1	3.0	10	—	563	65	75	25	60	3	-30 TO +100	-25 TO +85	260
550-2308-010F	YELLOW DIFF.	.187	.018	.040	I _F = 10mA	5.7	8.0	18.4	I _F = 10mA	2.0	2.4	100	585	583	60	85	20	60	5	-55 TO +100	-55 TO +100	260
550-2408-010F	RED DIFF.	.180	.020	.043	I _F = 10mA	2.2	6.3	—	I _F = 10mA	2.2	2.55	10	—	650	50	60	20	60	3	-30 TO +100	-25 TO +85	260
550-3108-010F	Y/G BI-COLOR	.180	.020	.043	I _F = 20mA	11/18	30/50	—	I _F = 20mA	2.1/2.1	2.6/2.6	100	589/571	591/573	50	52/52	20/20	60/60	5/5	-30 TO +85	-40 TO +100	260

REV	REVISIONS	DRN	CKD	APP	DATE
A	NEW RELEASE	LD	NO		7-8-21
B	UPDATED SPECS O P/N 550-3108-010F	LD			



RoHS COMPLIANT 550-XX08-010F


Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 550-5108-010F
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:

- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 550-XX08F-010F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.		
SCALE: 5.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18524	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015	5mm LED CBI REVERSE POLARITY	
ANGLES: ±3°	MATERIAL	
FINISH		
FSCM 83330	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1 FAMILY TABLE:		

Dialight

1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727
(732) 919-3119
www.dialight.com