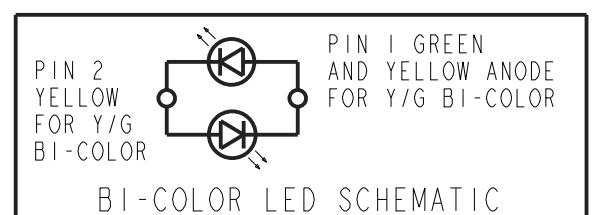
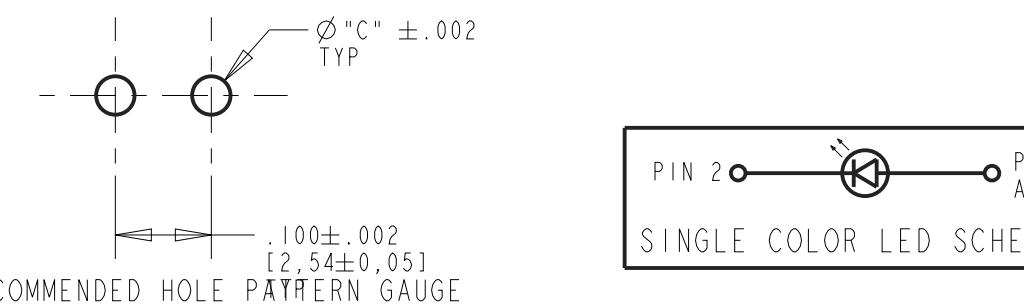
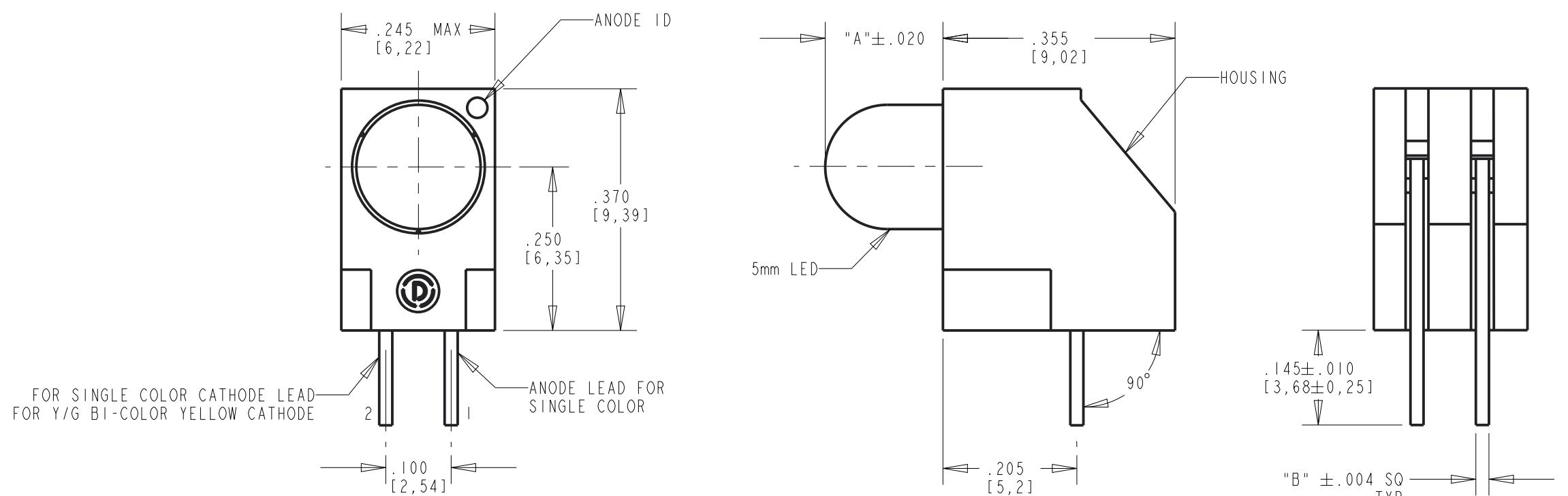


DIALIGHT PART NUMBER	LED COLOR	DIM "A"	DIM "B"	DIM "C"	OPERATING CHARACTERISTICS AT 25°C AMBIENT								ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT							REV	REVISIONS			DRN	CKD	APP	DATE					
					LUMINOUS INTENSITY TEST CONDITION	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE/ FORWARD CURRENT TEST COND	FORWARD VOLTAGE (V)	REVERSE CURRENT (μ A)	DOMINANT WAVELENGTH (nm)	PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEG)	POWER DISSIPATION (mW)	DC FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE (V)	STORAGE TEMP (°C)	OPERATING TEMP (°C)	SOLDERING TEMP FOR 5 SECONDS (°C)		NEW RELEASE									
						MIN	TYP	MAX													LD	NO	7-8-21									
550-1108-010F	RED DIFF. LOW CURRENT	.187	.018	.040	IF = 2mA	1.5	2.3	4.2	IF = 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	IF = 2mA	1.2	1.8	—	IF = 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	IF = 2mA	1.2	1.8	—	IF = 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	IF = 10mA	3.6	10	—	IF = 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	IF = 10mA	5.7	8.0	18.4	IF = 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	IF = 10mA	2.2	6.3	—	IF = 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	IF = 20mA	11/18	30/50	—	IF = 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										

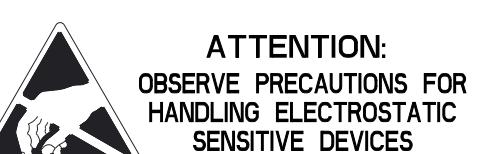


RoHS COMPLIANT 550-XX08-010F

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.

NOTES:

1. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
2. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
3. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
4. DIALIGHT PART NUMBERS: 550-XX08F-010F.
5. 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.		REV
DRAWING NUMBER	C-18524	B
SCALE: 5.000		
ALL DIM'S IN: INCHES (MM)		
TOLERANCES:		
UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.02		
DECIMALS (.XXX): ±.015		
ANGLES: ±3°		
FINISH		
FSCM	83330	
SHEET	1	OF 1
FAMILY TABLE:		

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