

DIALIGHT PART NUMBER	LED COLOR	DIM "A"	DIM "B"	DIM "C"	DIM "D"	OPERATING CHARACTERISTICS AT 25°C AMBIENT									
						LUMINOUS INTENSITY TEST CONDITION			FORWARD VOLTAGE TEST COND		REVERSE CURRENT (μA)	PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEG)		
						MIN	TYP	MAX	TYP	MAX	MAX	TYP	TYP		
551-0207-010F	GREEN DIFFUSED	.105	.020 SQ.	.122±.008	.043	I _F = 10mA	5.6	16.0	—	I _F = 10mA	2.1	3.0	10	563	45
551-0307-010F	YELLOW DIFFUSED	.105	.020 SQ.	.122±.008	.043	I _F = 10mA	2.2	6.3	—	I _F = 10mA	2.1	3.0	10	585	45
551-0407-010F	RED DIFFUSED	.105	.020 SQ.	.122±.008	.043	I _F = 10mA	3.6	10	—	I _F = 10mA	2.0	3.0	10	650	45
551-0807-010F	BLUE, WHITE DIFF. LENS	.101	.020 SQ.	.110±.004	.043	I _F = 10mA	14.0	22.4	35.5	I _F = 10mA	3.5	4.1	10	428	70
551-1107-010F	RED DIFFUSED	.095	.018 x .016	.118±.010	.040	I _F = 2mA	1.0	1.6	—	I _F = 2mA	1.7	2.2	50	635	60
551-1207-010F	YELLOW DIFFUSED	.095	.018 x .016	.118±.010	.040	I _F = 2mA	1.0	1.6	—	I _F = 2mA	1.8	2.7	50	585	60
551-1307-010F	GREEN DIFFUSED	.095	.018 x .016	.118±.010	.040	I _F = 2mA	1.0	1.6	—	I _F = 2mA	1.9	2.2	50	565	60
551-2507-010F	ORANGE DIFFUSED	.095	.018 SQ.	.115±.010	.040	I _F = 10mA	3.4	7.0	10.8	I _F = 10mA	1.9	2.4	100	600	60
551-3007-010F	RED/GREEN BI-COLOR WHITE DIFFUSED LENS	.095	.020 SQ.	.118±.010	.043	I _F = 10mA	2.5	4.7	—	I _F = 20mA	2.0	2.8	100	635	60
551-3107-010F	YELLOW/GREEN BI-COLOR WHITE DIFFUSED LENS	.095	.018 x .016	.118±.010	.040	I _F = 10mA	2.5	4.3	—	I _F = 20mA	2.1	2.8	100	585	80

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	KLJ	NO	MES	12-11-08
B	—	ADDED P/N 551-0807-010F	AJF	KLJ	NO	2-14-11

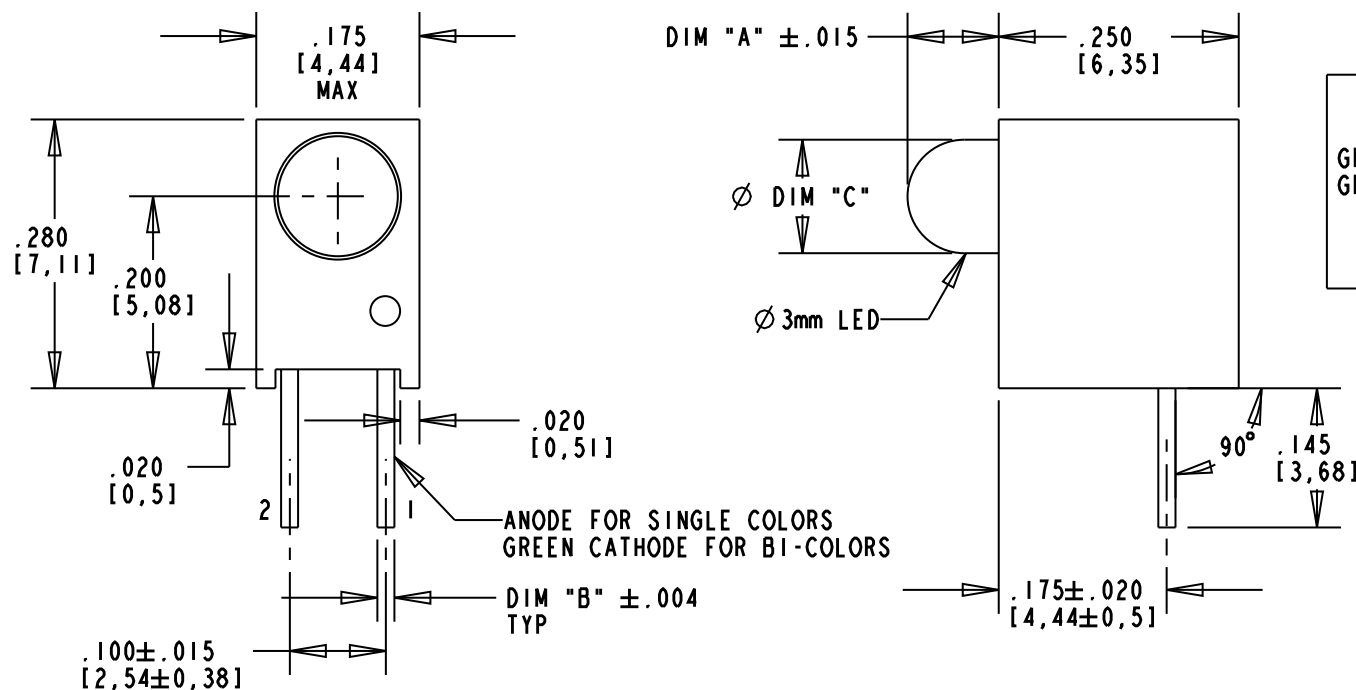
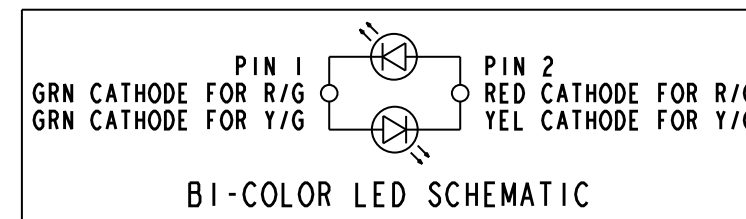
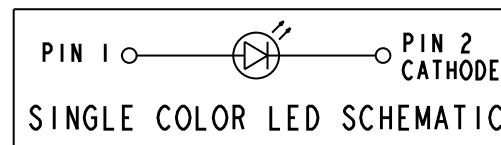
PART NUMBER	ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT								
	POWER DISSIPATION (mW)	CONT. FWD CURRENT (mA)	PEAK FWD CURRENT (mA)	LINEAR DERATION (mA/°C)	REVERSE VOLTAGE (V)	SOLDERING TEMPERATURE FOR 5 SEC.	OPERATING TEMPERATURE	STORAGE TEMPERATURE	
551-0207-010F	75	25	60	0.5 FROM 50°C	3	260 °C	-25°C /+85 °C	-30°C /+100°C	
551-0307-010F	60	20	60	0.5 FROM 50°C	3	260 °C	-25°C /+85 °C	-30°C /+100°C	
551-0407-010F	60	20	60	0.5 FROM 50°C	3	260 °C	-25°C /+85 °C	-30°C /+100°C	
551-0807-010F	90	20	—	.44 FROM 50°C	5	260 °C	-55°C /+100°C	-55°C /+100°C	
551-1107-010F	20	7	—	0.7 FROM 90°C	5	260 °C	-55°C /+100°C	-55°C /+100°C	
551-1207-010F	20	7	—	0.7 FROM 90°C	5	260 °C	-55°C /+100°C	-55°C /+100°C	
551-1307-010F	20	7	—	0.7 FROM 90°C	5	260 °C	-55°C /+100°C	-55°C /+100°C	
551-2507-010F	135	25	90	0.5 FROM 50°C	5	260 °C	-55°C /+100°C	-55°C /+100°C	
551-3007-010F	RED	100	30	120	0.4 FROM 50°C	5	260 °C	-55°C /+100°C	-55°C /+100°C
	GREEN	100	30	120	0.4 FROM 50°C				
551-3107-010F	YELLOW	60	20	80	0.25 FROM 50°C	5	260 °C	-55°C /+100°C	-55°C /+100°C
	GREEN	100	30	120	0.4 FROM 50°C				

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: 551-XX07-010F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES



RECOMMENDED P.C.B. HOLE PATTERN

RoHS COMPLIANT 551-XX07-010F
Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 551-0207-010F
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.

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SCALE: 5.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17686	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE Ø3mm CBI, .200 HIGH CENTERLINE REVERSE POLARITY; RoHS COMPLIANT	
ANGLES: ±3°	MATERIAL	
FINISH:	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:

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