

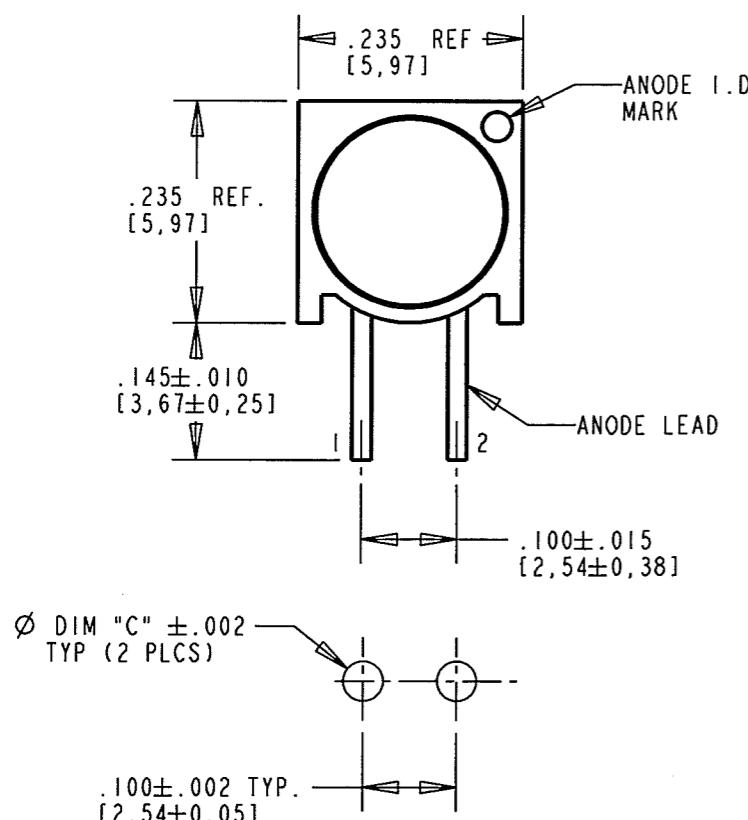
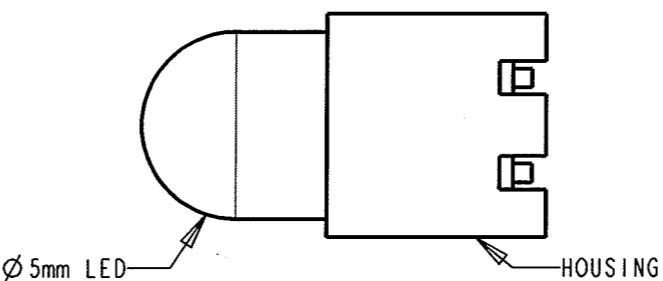
DIALIGHT PART NUMBER	LED COLOR	DIM. "A"	DIM. "B"	DIM. "C"	OPERATING CHARACTERISTICS AT 25°C AMBIENT							
					LUM. INT. (mcd)		FORWARD VOLTAGE (V)		IR (μ A)	λ PEAK (nm)	VIEWING ANGLE (DEG)	TEST. COND.
					MIN	TYP	TYP	MAX	MAX			
550-0205-010F	LP GREEN DIFFUSED	.135	.020	.043	12.6	40	2.1	2.6	100	565	60	10mA
550-5205-010F	GREEN DIFFUSED	.190	.020	.043	17	34	2.2	3.0	10	563	50	20mA
550-5505-010F	RED WATER CLEAR	.197	.018	.040	80	125	2.2	3.0	100	635	24	20mA
550-5605-010F	GREEN WATER CLEAR	.197	.018	.040	80	120	2.3	3.0	100	565	24	20mA

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	KLJ	100%	100%	9/21/08

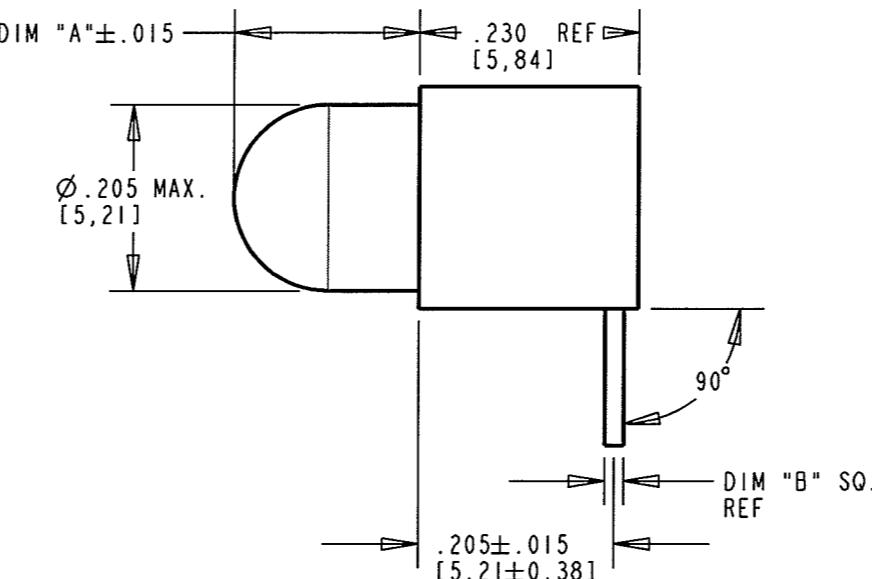
RoHS COMPLIANT 550-XX05-010F

Part Numbers with the "F" suffix ending are RoHS Compliant.
For example: 550-5205-010F
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.

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	COLOR				UNITS
	LP GREEN	GREEN	RED WC	GREEN WC	
POWER DISSIPATION	100	75	135	135	mW
CONTINUOUS FORWARD CURRENT	30	25	30	30	mA
PEAK FORWARD CURRENT	120	60	500	500	mA
DERATE LINEARLY FROM 50°C / 25°C FOR WC	0.4	0.5	0.4	0.4	mA/°C
REVERSE VOLTAGE	5	3	5	5	V
STORAGE TEMPERATURE	-55 TO +100				°C
OPERATING TEMPERATURE	-55 TO +100		-20 TO +100		°C
SOLDERING TEMPERATURE, 1/16" FROM BODY	260 FOR 5 SEC				°C

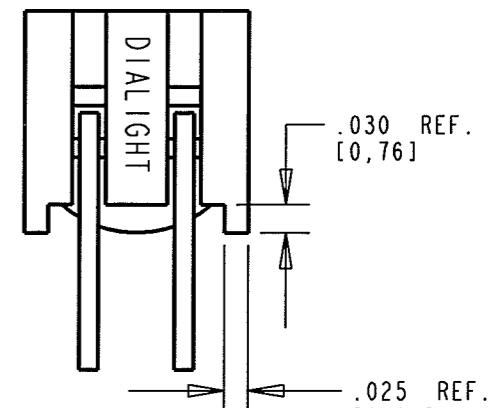


RECOMMENDED HOLE PATTERN GAUGE



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-XX05-010F.
5. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

SCALE: 5.000	DRAWING NUMBER	C-17653	
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:			

Dialight 1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[550-5205-010F](#) [550-5605-010F](#) [550-5505-010F](#) [550-0205-010F](#)