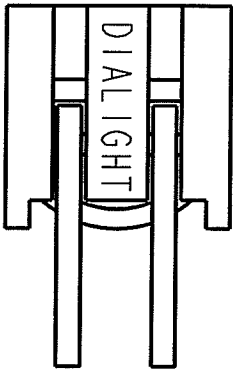
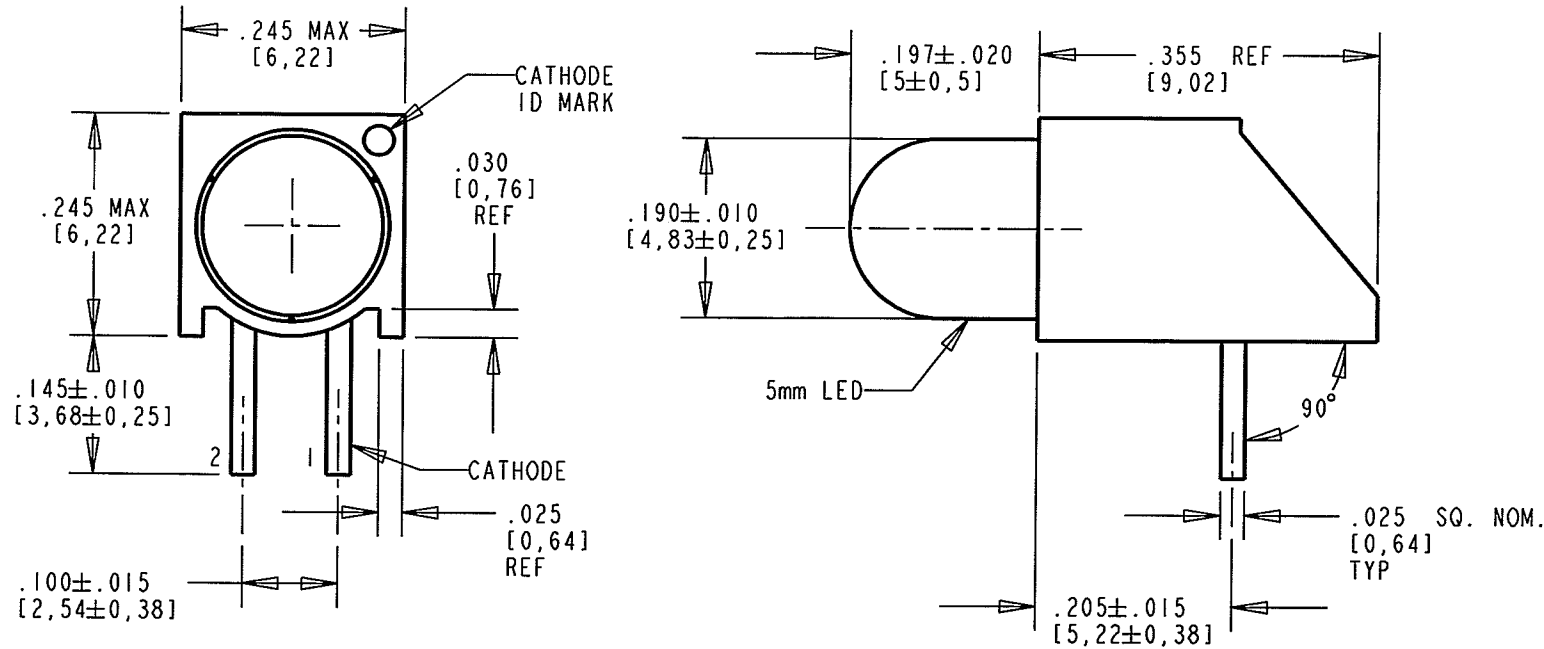


PART NUMBER	LED COLOR
550-0507F	RED DIFFUSED, 5V
550-0707F	GREEN DIFFUSED, 5V
550-0807F	YELLOW DIFFUSED, 5V

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	KLJ	h.c.	h.c.	5/2/08

OPERATING CHARACTERISTICS AT T _A = 25°C						
LED CHARACTERISITICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	2.1			mcd	V _F = 5 V
	YELLOW	2.0	8.0			
	GREEN	2.0	8.0			
PEAK WAVELENGTH	RED		635		nm	
	YELLOW		583			
	GREEN		565			
VIEWING ANGLE (2 θ 1/2)	ALL		60		DEG	
FORWARD CURRENT	RED		10	15	mA	V _F = 5 V
	YELLOW		10	15		
	GREEN		12	15		

ABSOLUTE MAXIMUM RATINGS AT T _A = 25°C		
PARAMETER	VALUE	UNITS
DC FORWARD VOLTAGE	7.5	V
REVERSE VOLTAGE (I _R = 100μA)	5	V
DERATE LINEARLY FROM 50°C	.071	V/°C
OPERATING TEMPERATURE RANGE	GREEN	-20 to +85
	OTHERS	-40 to +85
STORAGE TEMPERATURE RANGE	-55 to +100	°C
SOLDER WAVE TEMPERATURE 3 SEC. MAX	250	°C
MANUAL SOLDER DIPPING 5 SEC.	260	°C

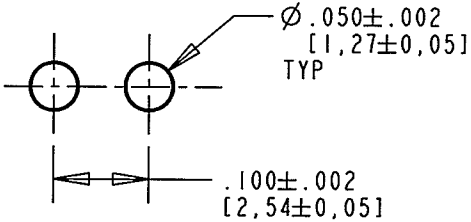


RoHS COMPLIANT 550-0X05F

Part Numbers with the "F" suffix ending are RoHS Compliant.
For Example: 550-0707F
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



RECOMMENDED HOLE PATTERN GAUGE

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: 550-0505F, 550-0707F, 550-0807F.
- 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. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17610	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 5mm LED CBI, INTEGRAL RESISTOR RoHS COMPLIANT	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.01	Dialight	
DECIMALS (.XXX): ±.005	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXXX): ±.0005	FSCM 83330	
ANGLES: ±3°	SHEET 1 OF 1 FAMILY TABLE:	
FINISH:		