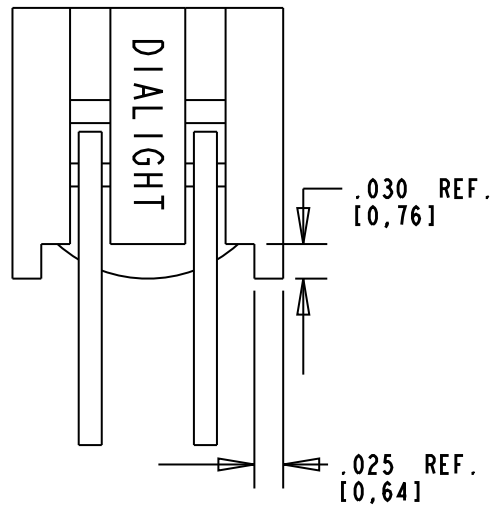
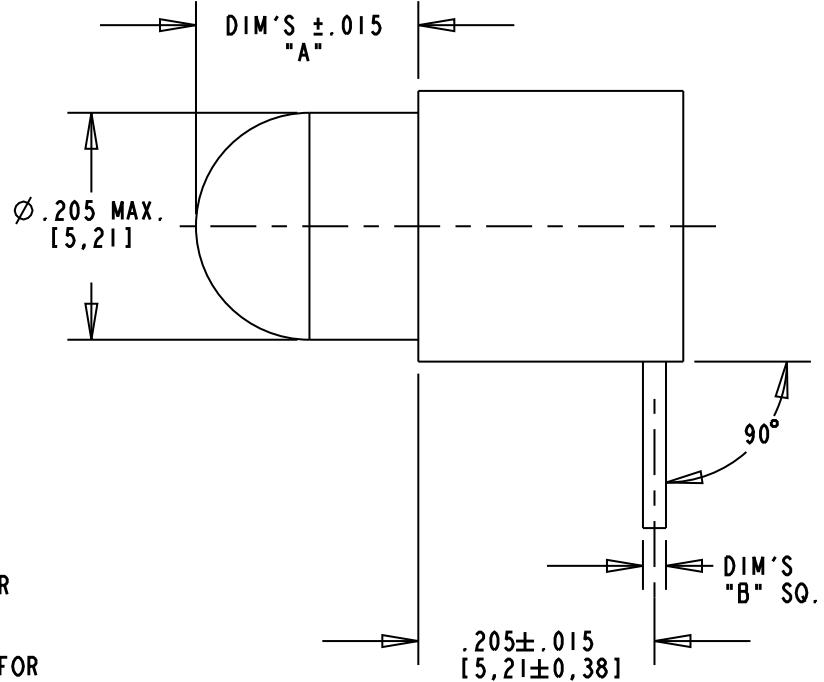
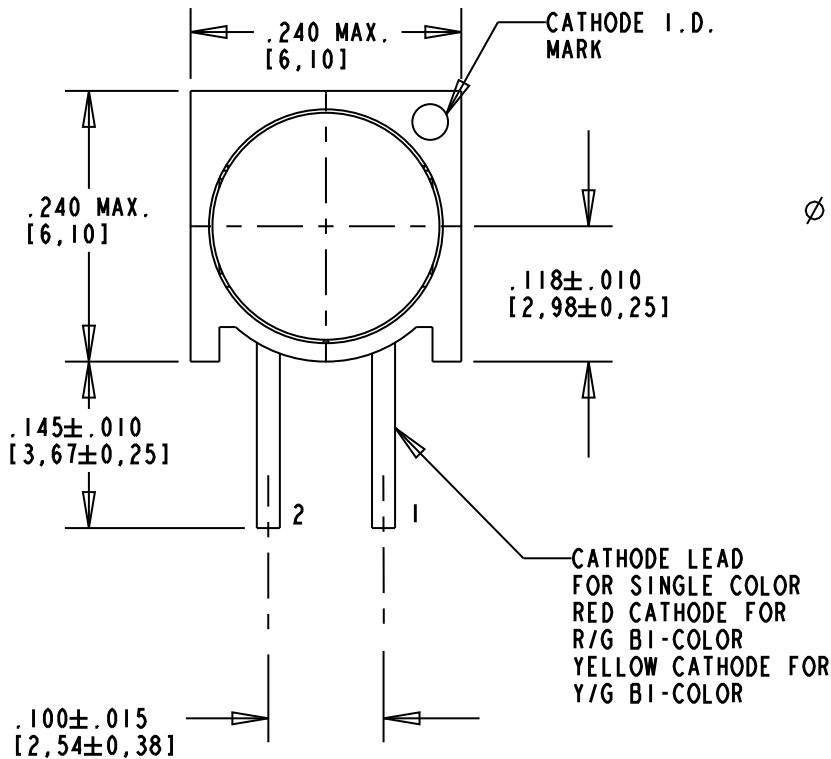
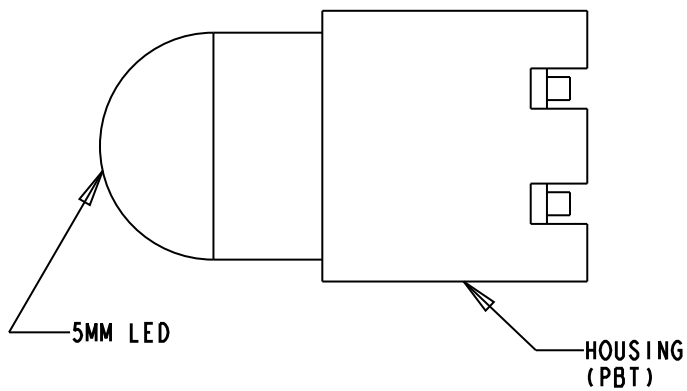


ASSEMBLY NUMBER	LED COLOR	DIM. "A"	DIM. "B"	DIM. "C"	LUM. INT. (MIN.)(mcd)	V _F (MAX.) (V)	I _F (MAX.) (mA)	λ _{PEAK} (nm)	TEST. COND.	I _r (MAX) • 5V(μA)
550-0205F	GREEN DIFFUSED	.135	.020	.043	3.5	2.8		565	20mA	100
550-0305F	YELLOW DIFFUSED	.135	.020	.043	3.5	2.8		585	20mA	100
550-0405F	RED DIFFUSED	.135	.020	.043	3.5	2.8		635	20mA	100
550-0505F	RED DIFFUSED 5 VOLT	.197	.025	.050	2.1		15	635	5V	100
550-0605F	RED DIFFUSED 12 VOLT	.197	.025	.050	1.0		20	655	12V	100
550-0705F	GREEN DIFFUSED 5 VOLT	.197	.025	.050	2.0		15	565	5V	100
550-0805F	YELLOW DIFFUSED 5 VOLT	.197	.025	.050	2.0		15	583	5V	100
550-1005F	BLUE NON-DIFF. WATER CLEAR	.193	.020	.043	520	4.0		470	20mA	100
550-1105F	RED TINTED DIFFUSED 2mA	.197	.018	.040	1.2	2.2		635	2mA	50
550-1205F	YELLOW TINTED DIFFUSED 2mA	.197	.018	.040	2.2	2.7		583	2mA	50
550-1305F	GREEN DIFFUSED 2mA	.197	.018	.040	2.2	2.2		565	2mA	50
550-2205F	GREEN DIFFUSED	.190	.020	.043	3.6	3.0		563	10mA	
550-2305F	YELLOW DIFFUSED	.190	.020	.043	5.7	2.4		583	10mA	100
550-2405F	RED DIFFUSED	.190	.020	.043	2.2	2.55		650	10mA	100
550-2505F	ORANGE DIFFUSED	.197	.018	.040	4.0	2.4		600	10mA	100
550-3005F	RED/GREEN BI-COLOR	.190	.020	.043	14/9	2.4/2.8		660/565	20mA	100
550-3105F	YEL/GREEN BI-COLOR	.190	.020	.043	2.5	2.8		585/565	20mA	100
550-5105F	RED DIFFUSED	.190	.020	.043	17	2.55		650	20mA	10
550-5205F	GREEN TINTED DIFFUSED	.190	.020	.043	17	3.0		563	20mA	10
550-5305F	YELLOW TINTED DIFFUSED	.190	.020	.043	17	3.0		585	20mA	10
550-5405F	AMBER TINTED DIFFUSED	.190	.020	.043	17	3.0		610	20mA	10
550-5505F	RED NON-DIFF. WATER CLEAR	.197	.018	.040	80	3.0		635	20mA	100
550-5605F	GREEN NON-DIFF. WATER CLEAR	.197	.018	.040	80	3.0		585	20mA	100
550-5705F	YELLOW NON-DIFF. WATER CLEAR	.197	.018	.040	80	3.0		583	20mA	100
550-5805F	AMBER NON-DIFF. WATER CLEAR	.190	.024	.050	60	2.5		605	20mA	
550-5905F	GREEN (InGaN) NON-DIFF. WATER CLEAR	.190	.020	.043	2500	4.3		518	20mA	100
550-6005F	WHITE NON-DIFF. WATER CLEAR	.193	.020	.043	880	4.0		SEE CHROMATICITY CHART		

• SEE NOTE 4

• SEE NOTE 4

BIN	LIMITS (CHROMATICITY COORDINATES)				
	X	Y	Z	U	V
1	X	0.330	0.330	0.356	0.361
	Y	0.360	0.318	0.351	0.385
2	X	0.287	0.296	0.330	0.330
	Y	0.295	0.276	0.318	0.339
3	X	0.264	0.280	0.296	0.283
	Y	0.267	0.248	0.276	0.305
4	X	0.283	0.287	0.330	0.330
	Y	0.305	0.295	0.339	0.360

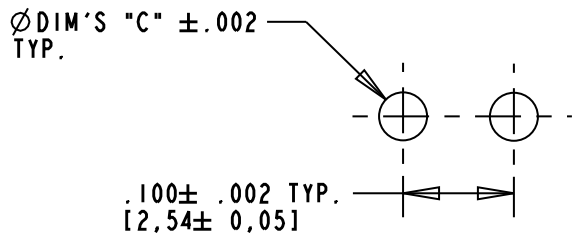


RoHS Compliant 550-xx05F Thru Hole Single Square Back CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 550-0205F or any 550-XX05F
The bag 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 P.C.B. HOLE PATTERN

NOTES:

- LEADS TO FIT INTO HOLE PATTERN AS SHOWN.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- DIALIGHT PART NUMBER: 550-XX05F.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	TC	N.O.	7-11-05
B	—	P/N 550-0205F PEAK WAVELENGTH "565" WAS 560".	KLJ	MES	N.O.	4-16-08
C	—	UPDATED FOLLOWING SPECIFICATIONS FOR 550-0505F: MIN LUM INT "2.1" WAS "1.0"; MAX IF "15" WAS "20"; PEAK WAVELENGTH "635" WAS "655".	KLJ	NO	MES	5-2-08
D	—	UPDATED FOLLOWING SPECIFICATIONS FOR 550-5905F: DIM A ".190" WAS ".193"; MIN LUM INT "2500" WAS "1900"; MAX VF "4.3" WAS "4.0"; PEAK WAVELENGTH "518" WAS "524".	AJF	KLJ	NO	6-25-09

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17264	D
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 5mm LED CBI, SQ. BACK HOUSING	
FRACTIONS: ±1/64	RoHS COMPLIANT	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1	FAMILY TABLES:	

Mouser Electronics

Authorized Distributor

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

Dialight:

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