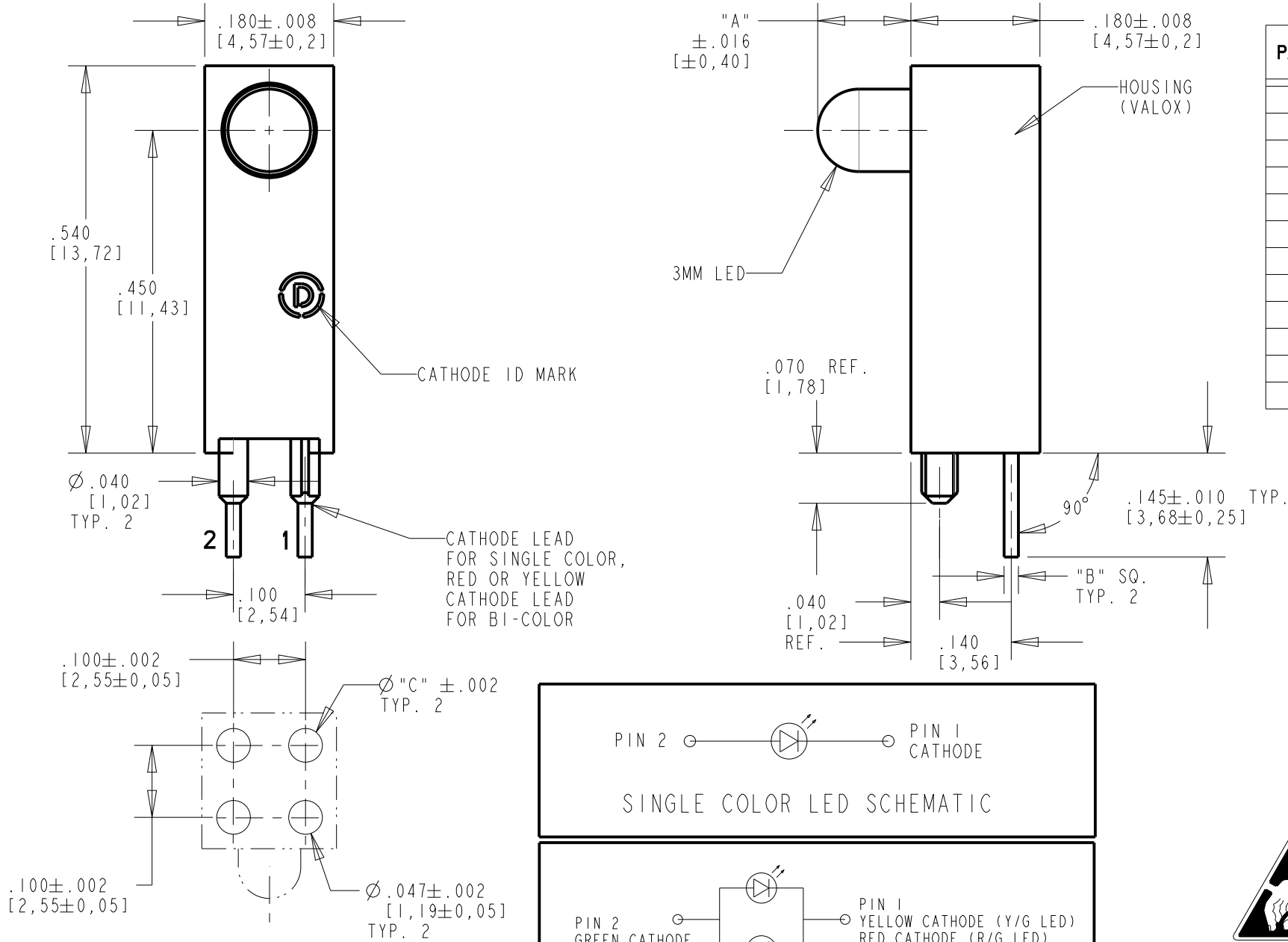


OPERATING CHARACTERISTICS AT 25°C AMBIENT								
PART NUMBER	FORWARD VOLTAGE/CURRENT			REVERSE VOLTAGE (V)	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd)		TEST CONDITIONS
	MIN.	TYP.	MAX.		TYP.	MIN.	TYP.	
551-0204F	1.5 V	2.1 V	2.6 V	V _R = 5 V MIN. @ 10 μA	565	5.6	12.6	I _F = 10 mA
551-0304F		2.1 V	2.6 V	V _R = 5 V MIN. @ 10 μA	585	3.7	8.7	I _F = 10 mA
551-0404F		2.0 V	2.6 V	V _R = 5 V MIN. @ 10 μA	635	2.5	8.7	I _F = 10 mA
551-0504F		10 mA	20 mA	V _R = 5 V MIN. @ 100 μA	635	8.7	29	V _F = 5 V
551-0604F		10 mA	20 mA	V _R = 5 V MIN. @ 100 μA	565	5.6	19	V _F = 5 V
551-0704F		10 mA	20 mA	V _R = 5 V MIN. @ 100 μA	585	3.7	12.6	V _F = 5 V
551-1104F		1.7 V	2.2 V	V _R = 5 V MIN. @ 50 μA	635	1.0	1.6	I _F = 2 mA
551-1204F		1.8 V	2.7 V	V _R = 5 V MIN. @ 50 μA	585	1.0	1.6	I _F = 2 mA
551-1304F		1.9 V	2.2 V	V _R = 5 V MIN. @ 50 μA	565	1.0	1.6	I _F = 2 mA
551-2504F	1.5 V	2.2 V	3.0 V	V _R = 5 V MIN. @ 100 μA	600	3.4	7.0	I _F = 10 mA
551-3004F				N/A	635/565	2.5/3.7	4.7/10	I _F = 10 mA
		2.0/2.1	2.8/2.8					I _F = 20 mA
551-3104F				N/A	585/565	2.5/2.5	4.3/6.3	I _F = 10 mA
		2.1/2.1	2.8/2.8					I _F = 20 mA

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	TWC	—	—	—
B	—	UPDATED DIMENSION A AND LED SPECS FOR P/N 551-0204F/0304F/0404F.	BP	—	NO	8-22-16

NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATIONS ARE NON-EXISTENT ON PART.
- DIALIGHT PART NUMBER: 551-0204F THRU 551-3104F
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



PART NUMBER	LED COLOR	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION
551-0204F	GREEN DIFFUSED	.130 [3,30]	.016x.018 [0.41x0.46]	.040 [1,02]
551-0304F	YELLOW DIFFUSED	.130 [3,30]	.016x.018 [0.41x0.46]	.040 [1,02]
551-0404F	RED DIFFUSED	.130 [3,30]	.016x.018 [0.41x0.46]	.040 [1,02]
551-0504F	RED W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-0604F	GREEN W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-0704F	YELLOW W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1104F	2 mA RED DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1204F	2 mA YELLOW DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1304F	2 mA GREEN DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-2504F	ORANGE DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-3004F	RED/GREEN BI-COLOR	.136 [3,45]	.020 [0,51]	.043 [1,09]
551-3104F	YELLOW/GREEN BI-COLOR	.130 [3,30]	.020 [0,51]	.043 [1,09]

RoHS Compliant 551-XX04F Thru hole CBI
Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 551-3104F
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

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SCALE: 5.000	DRAWING NUMBER C-17392	REV B
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3MM LED CBI, .450" HIGH LED RoHS COMPLIANT	
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.020		
DECIMALS (.XXX): ±.015		
DECIMALS (.XXXX): ±.0005	MATERIAL	
ANGLES: ±3°		
FINISH: -	 Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330		
SHEET 1 OF 1	FAMILY TABLE:	

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