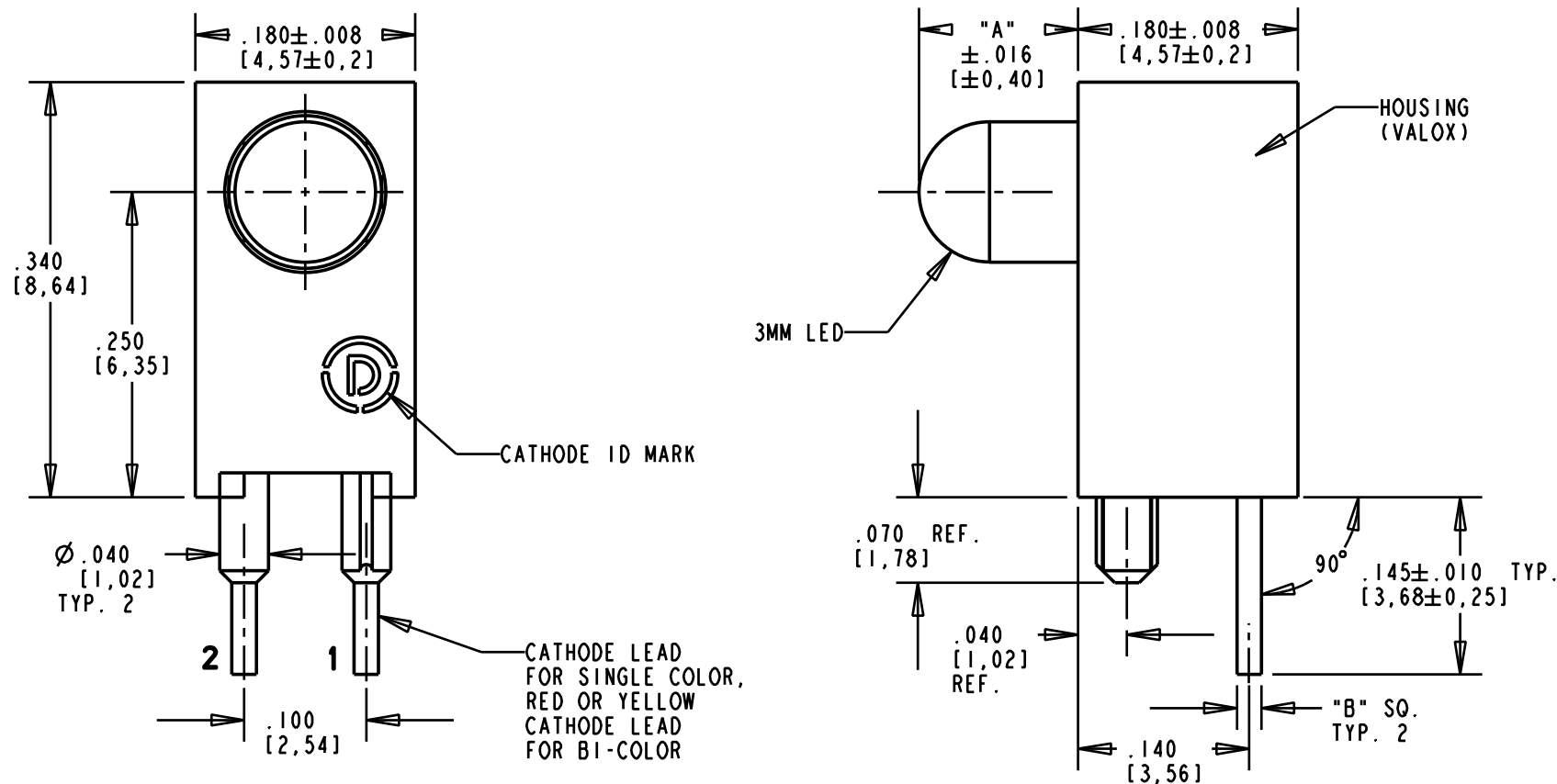


REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	JAV			

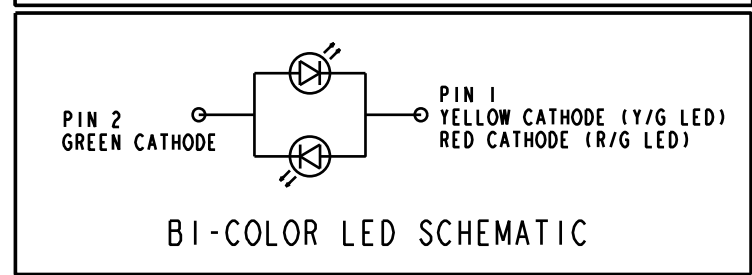
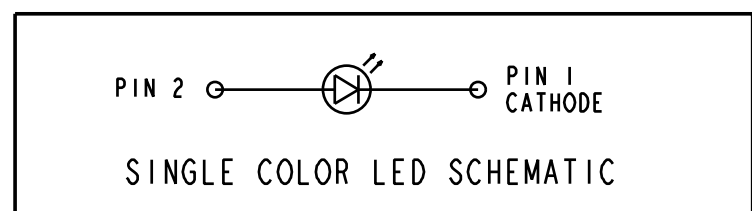
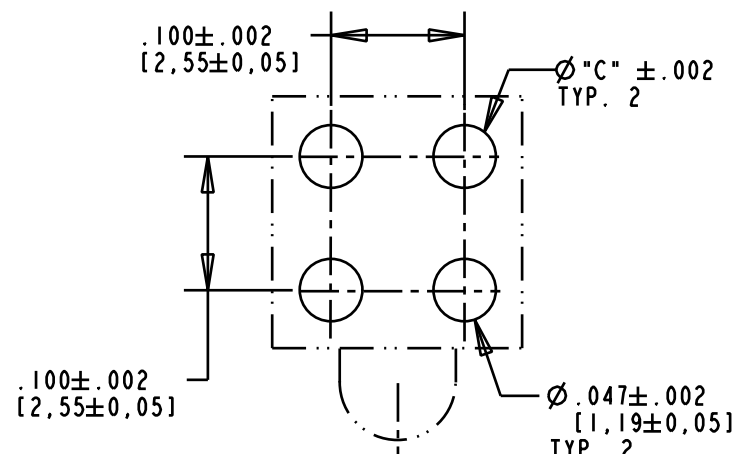
OPERATING CHARACTERISTICS AT 25°C AMBIENT								
PART NUMBER	FORWARD VOLTAGE/CURRENT			REVERSE VOLTAGE (V)	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd)		TEST CONDITIONS
	MIN.	TYP.	MAX.		TYP.	MIN.	TYP.	
551-0203		2.1 V	3.0 V	$V_R = 3 \text{ V MIN. @ } 10 \mu\text{A}$	563	5.6	16.0	$I_F = 10 \text{ mA}$
551-0303		2.1 V	3.0 V	$V_R = 3 \text{ V MIN. @ } 10 \mu\text{A}$	585	2.2	6.3	$I_F = 10 \text{ mA}$
551-0403		2.0 V	3.0 V	$V_R = 3 \text{ V MIN. @ } 10 \mu\text{A}$	650	3.6	10	$I_F = 10 \text{ mA}$
551-0503		10 mA	20 mA	$V_R = 5 \text{ V MIN. @ } 100 \mu\text{A}$	635	8.7	29	$V_F = 5 \text{ V}$
551-0603		10 mA	20 mA	$V_R = 5 \text{ V MIN. @ } 100 \mu\text{A}$	565	5.6	19	$V_F = 5 \text{ V}$
551-0703		10 mA	20 mA	$V_R = 5 \text{ V MIN. @ } 100 \mu\text{A}$	585	3.7	12.6	$V_F = 5 \text{ V}$
551-1103		1.7 V	2.2 V	$V_R = 5 \text{ V MIN. @ } 50 \mu\text{A}$	635	1.0	1.6	$I_F = 2 \text{ mA}$
551-1203		1.8 V	2.7 V	$V_R = 5 \text{ V MIN. @ } 50 \mu\text{A}$	585	1.0	1.6	$I_F = 2 \text{ mA}$
551-1303		1.9 V	2.2 V	$V_R = 5 \text{ V MIN. @ } 50 \mu\text{A}$	565	1.0	1.6	$I_F = 2 \text{ mA}$
551-2503	1.5 V	2.2 V	3.0 V	$V_R = 5 \text{ V MIN. @ } 100 \mu\text{A}$	600	3.4	7.0	$I_F = 10 \text{ mA}$
551-3003				N/A	635/565	2.5/3.7	4.7/10	$I_F = 10 \text{ mA}$
		2.0/2.1	2.8/2.8					$I_F = 20 \text{ mA}$
551-3103				N/A	585/565	2.5/2.5	4.3/6.3	$I_F = 10 \text{ mA}$
		2.1/2.1	2.8/2.8					$I_F = 20 \text{ mA}$



PART NUMBER	LED COLOR	"A" DIMENSION	"B" DIMENSION	"C" DIMENSION
551-0203	GREEN DIFFUSED	.140 [3,56]	.020 [0,51]	.043 [1,09]
551-0303	YELLOW DIFFUSED	.140 [3,56]	.020 [0,51]	.043 [1,09]
551-0403	RED DIFFUSED	.140 [3,56]	.020 [0,51]	.043 [1,09]
551-0503	RED W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-0603	GREEN W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-0703	YELLOW W/RESISTOR 5V	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1103	2 mA RED DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1203	2 mA YELLOW DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-1303	2 mA GREEN DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-2503	ORANGE DIFFUSED	.130 [3,30]	.018 [0,46]	.040 [1,02]
551-3003	RED/GREEN BI-COLOR	.136 [3,45]	.020 [0,51]	.043 [1,09]
551-3103	YELLOW/GREEN BI-COLOR	.130 [3,30]	.020 [0,51]	.043 [1,09]

NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- DIALIGHT PART NUMBER: 551-0203 THRU 551-3103



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SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17117	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	MATERIAL
FRACTIONS: ±1/64	3MM LED CBI, .250" HIGH LED	
DECIMALS (.XX): ±.020		
DECIMALS (.XXX): ±.015		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±3°		
FINISH:		
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET 1 OF 1	FAMILY TABLE:

RECOMMENDED P.C. BOARD HOLE PATTERN