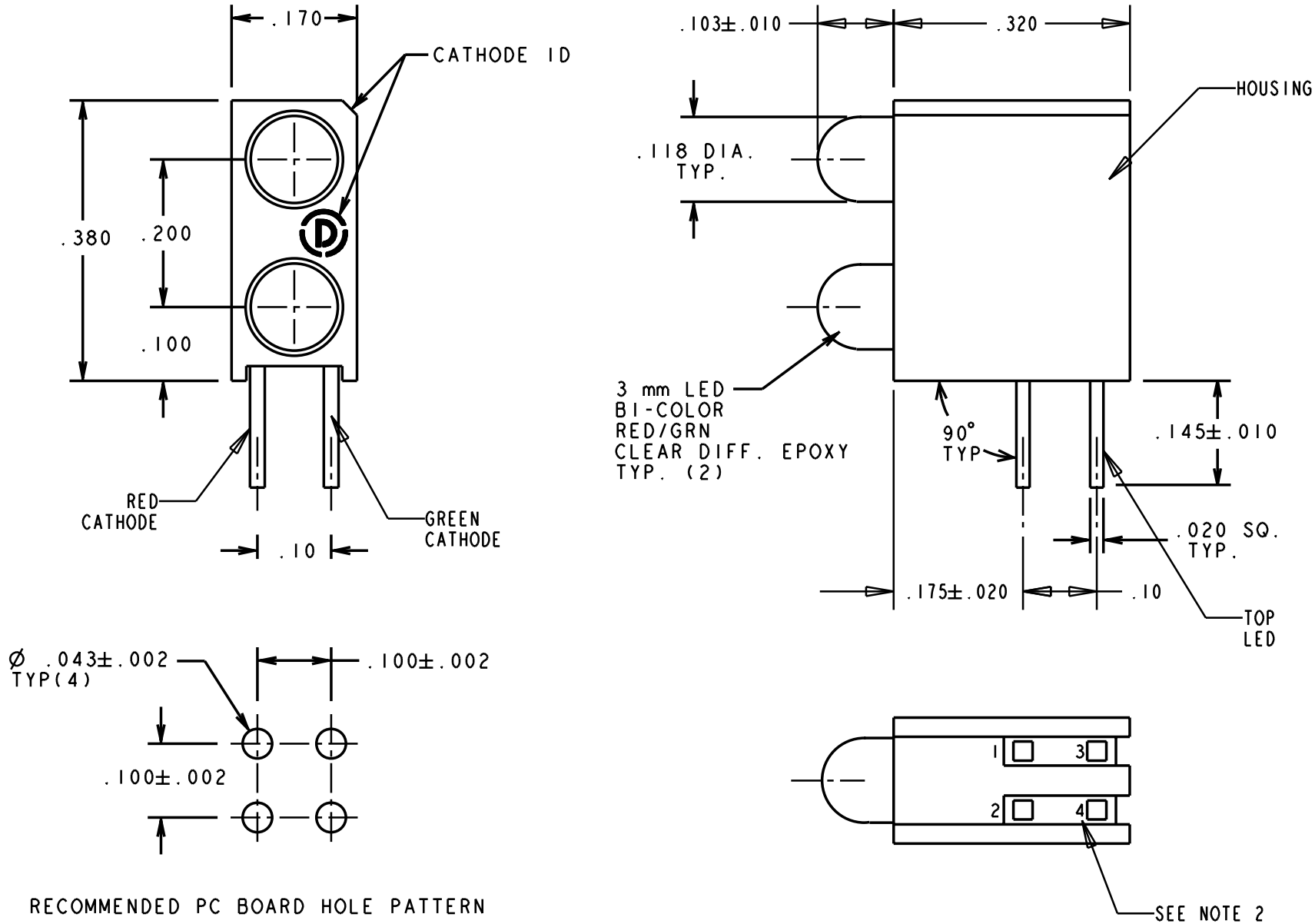


REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	TC			

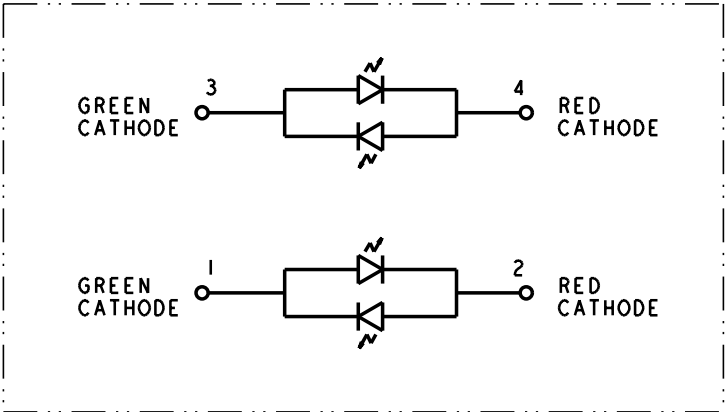


RED/GREEN BI-COLOR LEDS
OPERATING CHARACTERISTICS AT T_A = 25 °C

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V _F	FORWARD VOLTAGE	RED GREEN		2.0 2.1	2.8 2.8	V	I _F = 20 mA
λ _{PEAK}	PEAK WAVELENGTH	RED GREEN		635 565		nm	
I _V	LUMINOUS INTENSITY	RED GREEN	2.5 3.7	4.7 10.0		mcd	I _F = 10 mA

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT		UNITS
POWER DISSIPATION	100	mW
CONTINUOUS FORWARD CURRENT	30	mA
DERATE LINEARLY FROM 25°C	40	mA/°C
PEAK PULSE CURRENT, 10μs PULSE	120	mA
PEAK REVERSE VOLTAGE	5	V
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260	°C
OPERATING TEMPERATURE	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	°C

- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
 - PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 - LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
 - DIALIGHT PART NO. 553-0711-010



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SCALE 5:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-16660	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3mm BI-LEVEL CBI, CATHODE LEFT	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.01	Dialight	
DECIMALS (.XXX): ±.015	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
ANGLES: ±3°	SHEET 1 OF 1	
FINISH:	FAMILY TABLE:	
FSCM 83330		

Mouser Electronics

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[553-0711-010F](#)