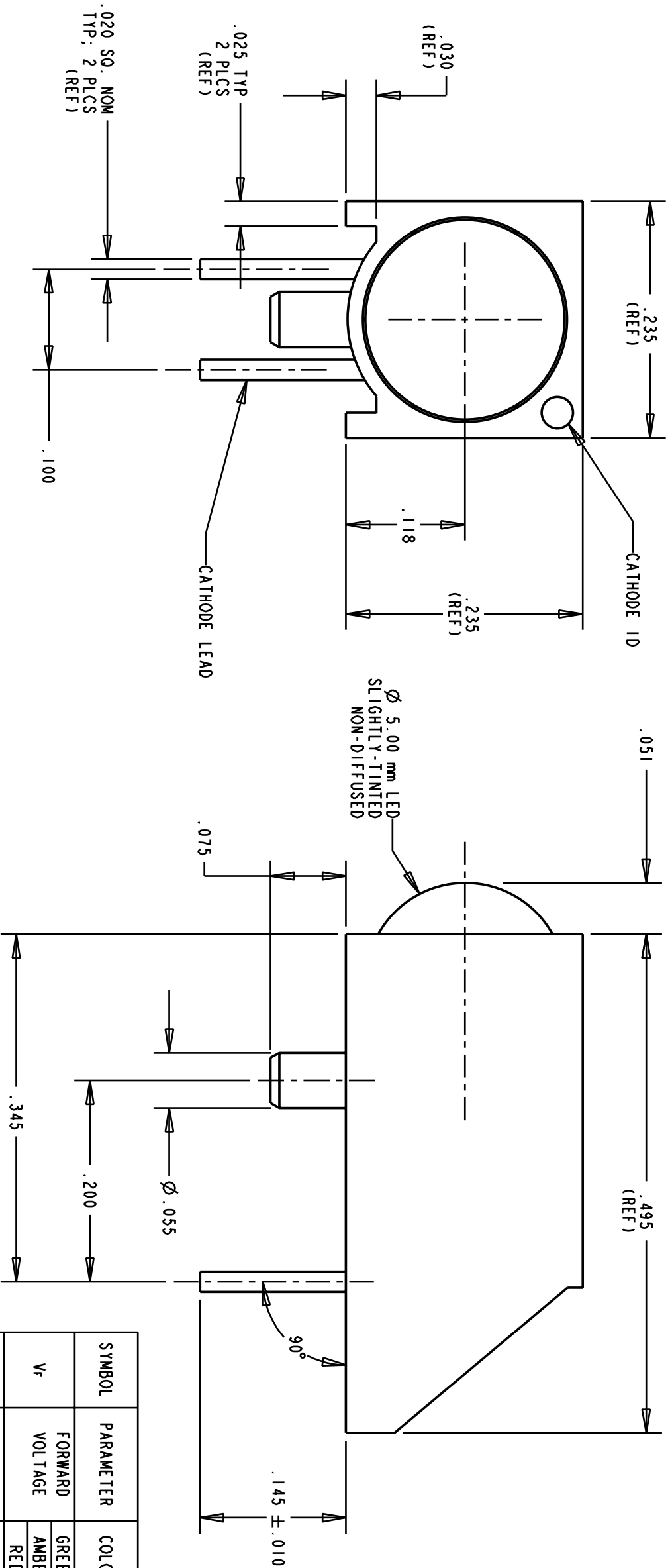


ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	550-1510-805 (GREEN)	550-1610-806 (AMBER)	550-1710-807 (RED)	UNITS
CONTINUOUS FORWARD CURRENT	30	50	50	mA
REVERSE VOLTAGE (I _r = 100 μA)	5	5	5	V
SOLDERING TEMPERATURE (.06 in. BELOW SEATING PLANE FOR 5 SEC)	260	260	260	°C
OPERATING TEMPERATURE	-20 TO +100	-40 TO +100	-40 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	-40 TO +120	-40 TO +120	°C



SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
V _f	FORWARD VOLTAGE	GREEN AMBER RED		2.2 2.02 1.9	3.0 2.4 2.4	V	I _f = 20 mA
λ _{pk}	PEAK WAVELENGTH	GREEN AMBER RED		568 592 635		nm	MEASURED AT PEAK
I _v	LUMINOUS INTENSITY	GREEN AMBER RED	170 1600 1400	300 3100 2100		mcd	② 20 mA

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SCALE 8:1

ALL DIM'S IN: INCHES (MM)

TOLERANCES: UNLESS OTHERWISE SPECIFIED

FRACTIONS: ±1/64

DECIMALS (.XX): ±.02

DECIMALS (.XXX): ±.015

DECIMALS (.XXXX): ±.0005

ANGLES: ±3°

FINISH:

DRAWING NUMBER	C-16426	REV	A
TITLE	∅ 5.00 mm CBI		
MATERIAL			
FSCM	83330		

RECOMMENDED HOLES LAYOUT

DIALIGHT PART NUMBERS: 550-1510-805 (GREEN)
550-1610-806 (AMBER)
550-1710-807 (RED)

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

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