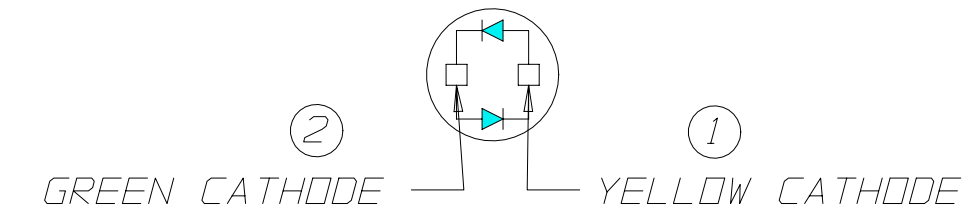


GREEN CATHODE



- NOTES:
1. LENS COLOR: WHITE DIFFUSED (Q)
  2. TOLERANCES, UNLESS OTHERWISE SPECIFIED:  $\pm 0.010$  ( $\pm 0.25\text{mm}$ .)
  3. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
  4. PROTRUDED RESIN UNDER FLANGE IS .04 (1.0mm) MAX
  5. LEAD SPACING IS MEASURED WHERE THE LEADS EMERGE FROM THE PACKAGE.

*ABSOLUTE MAXIMUM RATINGS AT TA=25°C*

PARAMETER	GREEN	YELLOW	UNIT
POWER DISSIPATION	100	60	mW
PEAK FORWARD CURRENT	120	80	mA
CONTINUOUS FORWARD CURRENT	30	20	mA
DERATING LINEAR FROM 50 °C	0.4	0.25	mA/°C
REVERSED VOLTAGE	5	5	V
OPERATING TEMPERATURE RANGE	-55°C TO +100°C		
STORAGE TEMPERATURE RANGE	-55°C TO +100°C		
LEAD SOLDERING TEMPERATURE [1.6mm (0.063in) FROM BODY]	260°C FOR 5 SECONDS		

*ELECTRICAL / OPTICAL CHARACTERISTICS AT TA=25°C (GREEN/YELLOW)*

PARAMETER	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
LUMINOUS INTENSITY	3.7/2.5	12.6/8.7		mcd	IF = 20 mA
VIEWING ANGLE		80		deg	
PEAK EMISSION WAVELENGTH		565/585		nm	
DOMINANT WAVELENGTH		569/588		nm	
SPECTRAL LINE HALF-WIDTH		30/35		nm	
FORWARD VOLTAGE		2.1	2.8	V	IF = 20 mA
REVERSE CURRENT			100/100	µA	VR=5V (GREEN), VR=5V (YELLOW)
CAPACITANCE		35/15		PF	VF=0 f=1MHZ

REV	ECR NO./DESCRIPTION	DATE
A	16196 KB NEW RELEASE	5/7/98
B	21516 RHW SEE NOTE 4 WAS SEE NOTE 3. REMOVED .062 (1.57) MAX DIMENSION.	03/19/02

(Q) FOR INSPECTION USE ONLY

(X) SPC DOCUMENTATION REQ. (X R CHARTS)

DIST. V/S

PART NO.	4301F25/27	TITLE	
MODEL NO.	-	T-1 BI-COLOR LED	
MOLD NO.		<b>CHICAGO MINIATURE LAMP INC.</b> 147 CENTRAL AVE. HACKENSACK, NJ 07601	
MATERIAL:			
FINISH:		DRAWN	K. BARRETT
TOLERANCE UNLESS OTHERWISE SPECIFIED:		CHECKED	SCALE: 4 : 1
FRACTION INCHES	± 1/64 .xx ± 0.010 (0.25) .xxx ± 0.010 (0.25)	ENG. APPRV	<div style="font-size: 2em; font-weight: bold;">B15162</div>
ANGLE	± 1 deg.		<div style="font-size: 2em; font-weight: bold;">B</div>

DO NOT SCALE

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