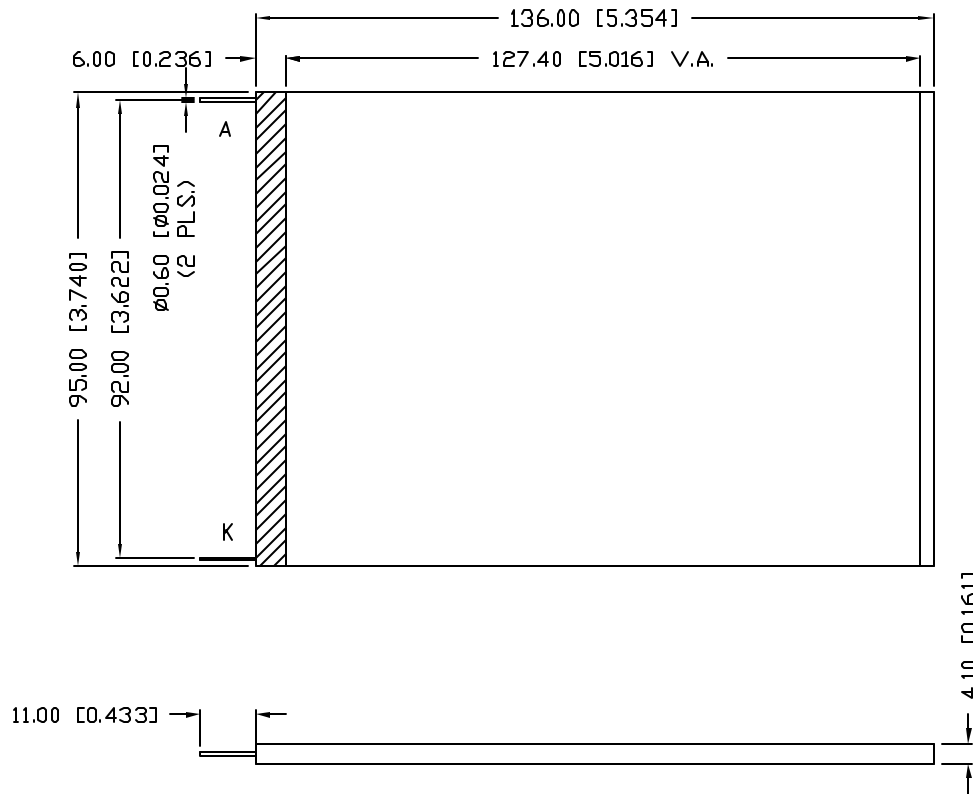


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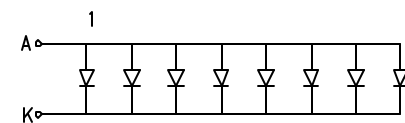


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$  PER MODULE  $I_f=160\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		596		nm	
FORWARD VOLTAGE		2.1	2.6	$V_f$	
REVERSE VOLTAGE	5			$V_r$	$V_r=0.4\text{mA}$
LUMINOUS INTENSITY(*1)		150		$\text{cd}/\text{m}^2$	$I_f=160\text{mA}$
EMITTED COLOR:	AMBER				
REFLECTOR FINISH:	CLEAR WHITE WITH DIFFUSER				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	200	mA
POWER DISSIPATION	0.52	W
DERATE FROM $25^\circ\text{C}$ , PER DIE	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX



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\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= <sup>+DECIMAL PRECISION</sup> <sub>-0.00</sub> MAX= <sup>+0.00</sup> <sub>-DECIMAL PRECISION</sub>

REV.

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127mm x 95mm VIEW AREA, EDGE LIT LED BACKLIGHT,  
8 CHIPS, AMBER, 2.1V @ 160mA

RELIABILITY NOTE  
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 10.14.04

PAGE: 1 OF 1

SCALE: N/A