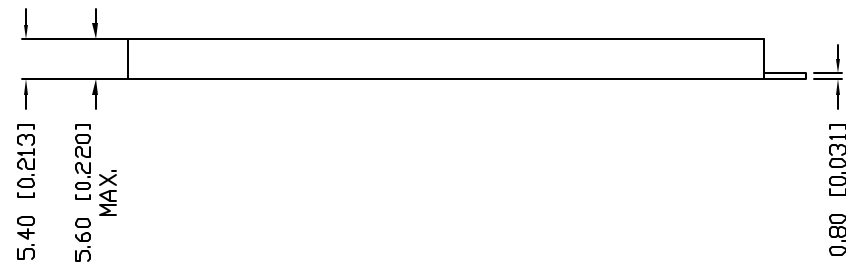
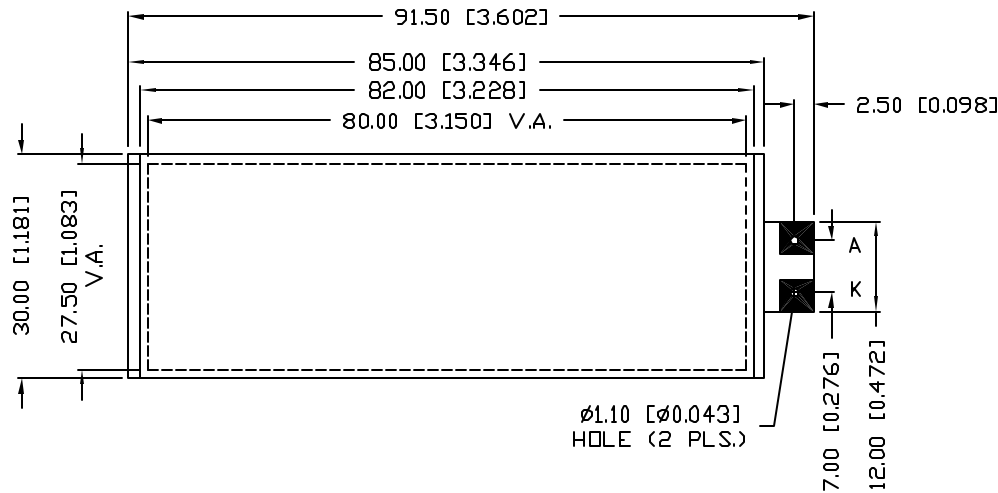


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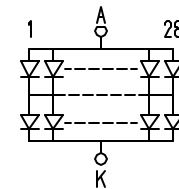
REV.



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ PER MODULE				$I_f=280\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		4.2	4.5	V_f
REVERSE VOLTAGE	8			V_r $I_r=2.8\text{mA}$
LUMINOUS INTENSITY		270		cd/m^2 $I_f=280\text{mA}$
EMITTED COLOR:	GREEN			
REFLECTOR FINISH:	WHITE			

LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	448	mA
POWER DISSIPATION	2.01	W
DERATE FROM 25°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



2 CHIPS IN SERIES
28 PARALLEL BRANCHES

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

REV.

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80mm x 27mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT,
565nm GREEN, 56 CHIPS, 4.2V @ 280mA.

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:

CHECKED BY:

APPROVED BY:

DATE: 7.1.04

PAGE: 1 OF 1

SCALE: N/A

BC