

UNCONTROLLED DOCUMENT

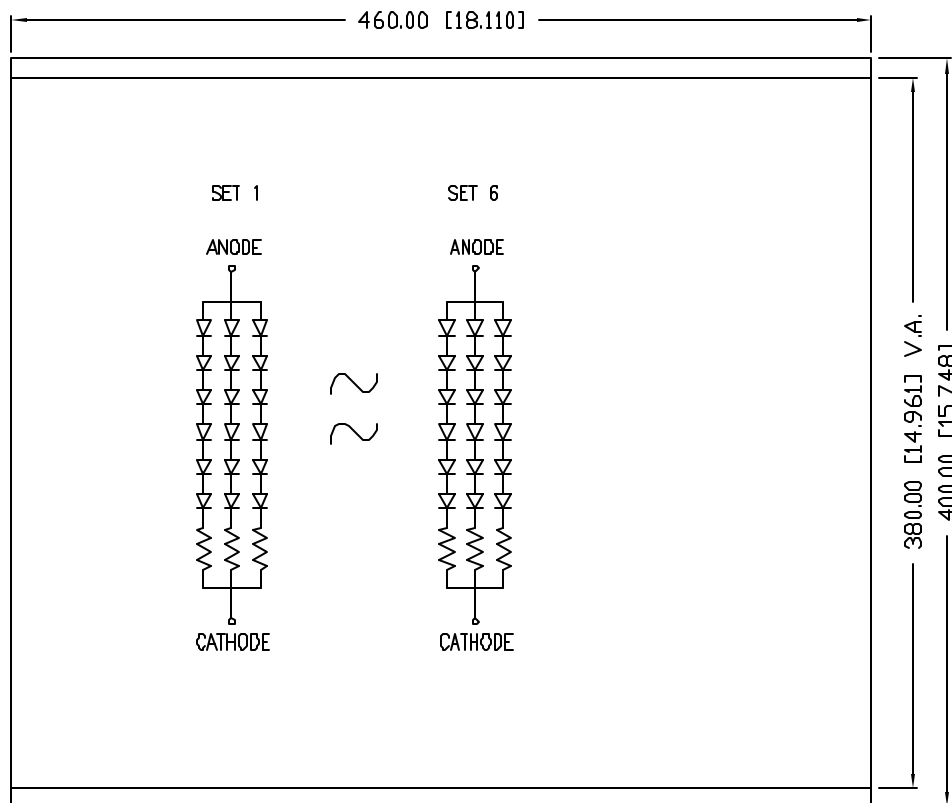
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PART NUMBER

REV.

SSB-PG394485UWW

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ PER MODULE					$I_f=360\text{mA}$
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		550		nm	
FORWARD VOLTAGE		24		V_f	
REVERSE VOLTAGE	50			V_r	$V_r=100\mu\text{A}$
LUMINOUS INTENSITY(*1)		100		cd/m^2	$I_f=360\text{mA}$
CHROMATICITY	X	0.29	0.31	0.33	
COORDINATES(*2)	Y	0.30	0.32	0.34	$I_f=360\text{mA}$
EMITTED COLOR:	WHITE				
REFLECTOR FINISH:	WHITE DIFFUSED				

*1. LUMINOUS INTENSITY TESTING CONDITION: 550nm WAVELENGTH.

*2. THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	W
DERATE FROM 25°C	62	$\text{mW}/^{\circ}\text{C}$
OPERATING TEMP.	-30 TO +60	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +80	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

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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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

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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.



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460mm x 380mm WHITE EDGELIT BACKLIGHT.

DRAWN BY:

BS/CT

CHECKED BY:

APPROVED BY:

DATE: 8.20.01

PAGE: 1 OF 1

SCALE: N/A