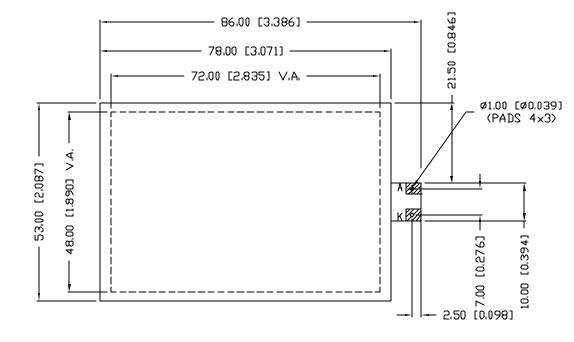
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PART NUMBER

REV.

SSB-COB7248GW

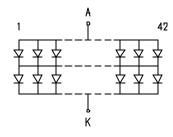


ELECTRO-OPTICAL CHARACTERISTICS TA=25°C PER MODULE If=420mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	_
FORWARD VOLTAGE		4.2	4.5	V_f	
reverse voltage	8			V_{Γ}	$I_r = 4.2 \text{mA}$
LUMINOUS INTENSITY		200		cd/m ²	lf=420mA
EMITTED COLOR:	YELLOW	/ GREEN			
REFLECTOR FINISH:	WHITE				



LIMITS OF SAFE OPERATION AT 25°C PER MODULE

PARAMETER	MAX	UNITS
STEADY CURRENT	Б72	mA
POWER DISSIPATION	3.02	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	' Ċ
SOLDERING TEMP.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX



UNCONTROLLED DOCUMENT *UNIESS OTHERWISE SPECFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). NN=+DECIMAL PRECISION MAX.=+0.00 (±0.030), XXX=±0.127 (±0.005).

PART NUMBER REV. SSB-COB7248GW

> 72mm x 48mm VIEW AREA, CHIP ON BOARD LED BACKLIGHT, 84 CHIPS, 565nm GREEN CHIPS,4,2V @420mA

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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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JD

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SCALE: N/A

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