

UNCONTROLLED DOCUMENT

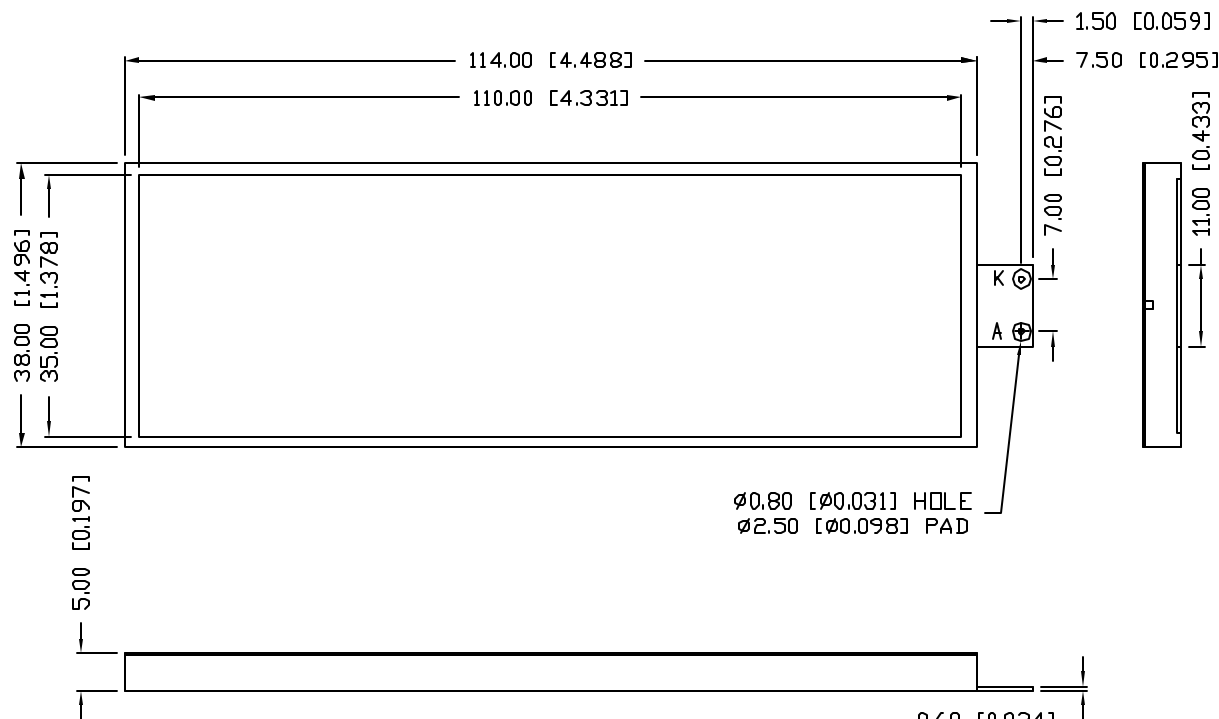
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PART NUMBER

REV.

SSB-COB11035AW

PRELIMINARY IN P/N DIR

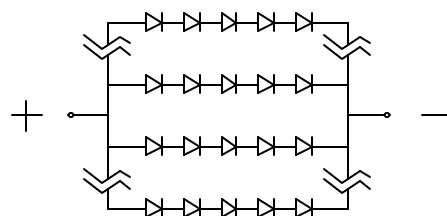
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		12		V _f	
REVERSE VOLTAGE	25			V _r	V _r =200µA
LUMINOUS INTENSITY		230		cd/m ²	I _f =130mA
EMITTED COLOR:	AMBER				
REFLECTOR FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
STEADY CURRENT	390	mA
POWER DISSIPATION	4.875	W
DERATE FROM 25°C	-35.9	mW/°C
OPERATING TEMP.	-35 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0MM FROM BODY		3 SEC. MAX

*T<10µs



*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

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110mm x 35mm LCD BACKLIGHT, 605nm AMBER LEDS,
MILKY WHITE DIFFUSED.

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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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SCALE: N/A



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