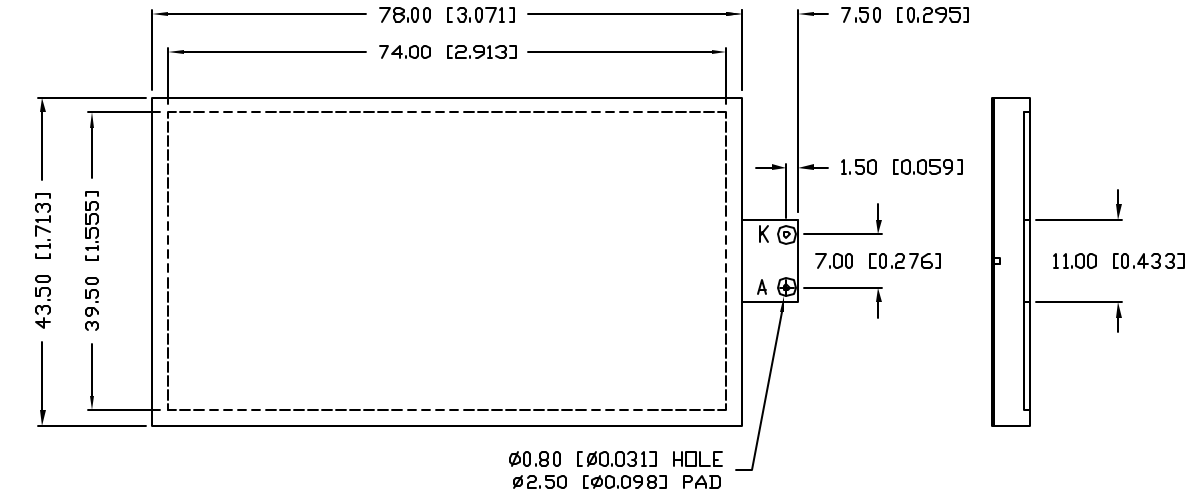
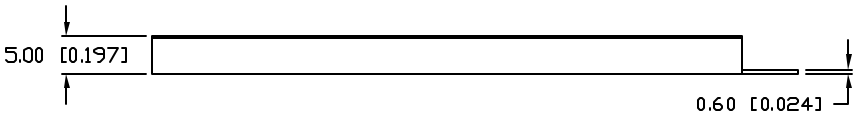
PART NUMBER	REV.
SSB-COB7440GW	

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE



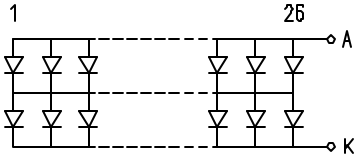
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		570 (GREEN)		nm	
FORWARD VOLTAGE		4.2	5.0	V_f	
REVERSE VOLTAGE	8			V_r	V_r=200μA
LUMINOUS INTENSITY		230		cd/m²	I_f=520mA
EMITTED COLOR:	GREEN				
REFLECTOR FINISH:	MILKY WHITE				



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	650	mA
STEADY CURRENT	520	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



2 CHIPS IN SERIES
26 PARALLEL BRANCHES

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
	SSB-COB7440GW

74mm x 40mm LCD BACKLIGHT, 570nm GREEN 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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