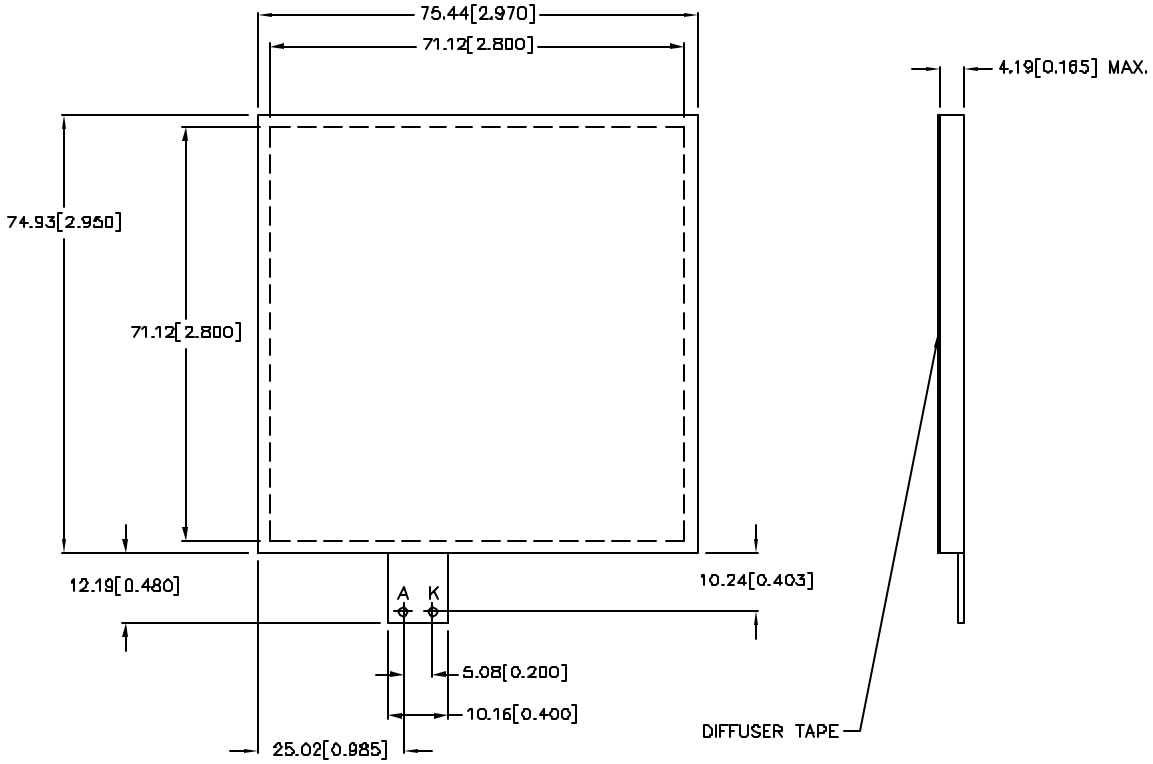
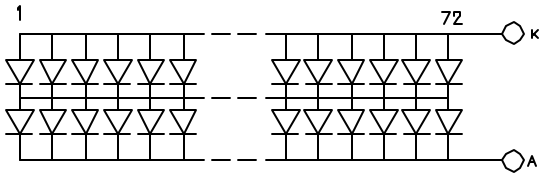
DATE	REVISIONS	REV

DRAWING NUMBER
SSB-COB7171GW

REV





NOTES

1. P.C.B. MATERIAL: FR4, DOUBLE SIDED.
2. ALL P.C.B. HOLES TO BE PLATED THRU
3. ALL COPPER TRACES TO BE COVERED WITH SOLDER MASK TO PREVENT CORROSION.
4. STAMP MANUFACTURING DATE CODE ON BOTTOM OF P.C.B.
5. PART NUMBER SSB-COB7171GW ON BOTTOM OF P.C.B.
6. TOLERANCE: ±0.254[0.010]

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	1.8	A
AVG FORWARD CURRENT	1.44	A
POWER DISSIPATION	6.05	W
DERATE FROM 25 °C	62	mW/ °C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I_f=1.44mA

PARAMETER	TYP	UNITS
PEAK COLOR WAVELENGTH	570	nm
FORWARD VOLTS	4.2	V_f
LIGHT OUTPUT	360	cd/m2
REVERSE VOLTS	8	V_r MIN
VIEWING ANGLE	180	2x theta
EMITTED COLOR	GREEN	

CUSTOMER RELEASE

LUMEX OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

CONFIDENTIAL INFORMATION
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DATE: 10-31-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

71mm x 71mm BACKLIGHT DISPLAY, GREEN,
144 CHIPS ON BOARD

DRAWING NUMBER
SSB-COB7171GW

REV

M6/J9