

DATE

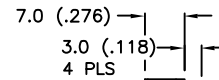
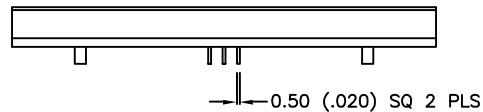
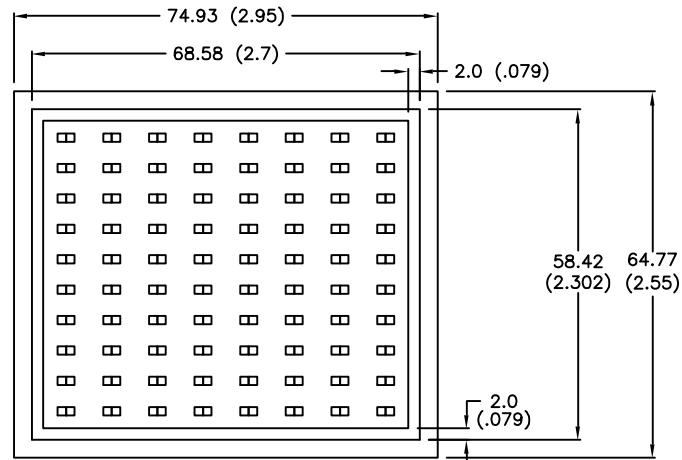
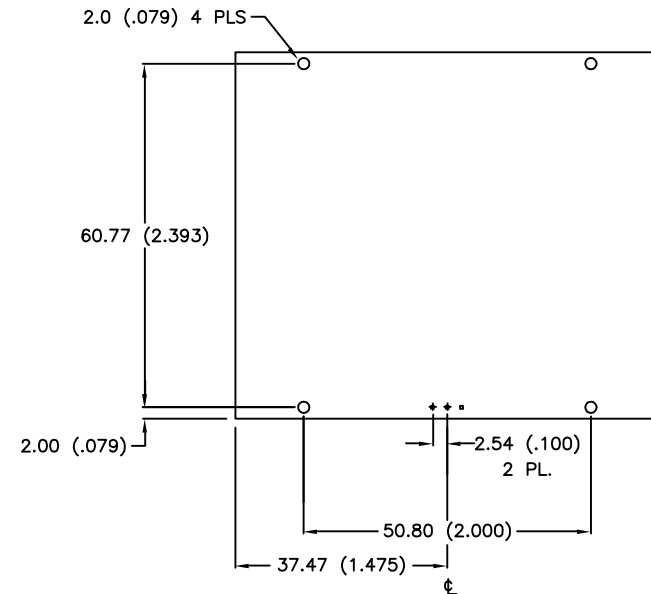
REVISIONS

REV

DRAWING NUMBER
SSB-COB6959IGW

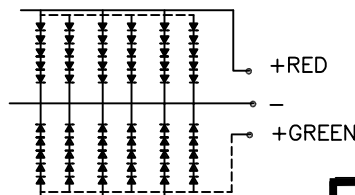
REV

TOP VIEW SHOWN WITH COVER TAPE REMOVED

WHITE POLYESTER
DIFFUSER TAPE

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	480	mA
AVG FORWARD CURRENT	320	mA
POWER DISSIPATION	5.0	W
DERATE FROM 25 °C	62	mW/°C
OPERATING, STORAGE TEMP.	-20 TO +70	°C
SOLDERING TEMP.	+230	°C
2.0mm FROM BODY	3 SEC. MAX	

32 STRINGS OF
5 DIODES EACH.ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C I_f=320mA

PARAMETER	GREEN	RED	UNITS
PEAK COLOR WAVELENGTH	565	635	nm
FORWARD VOLTS (TYP)	10.8	10.5	V _f
LIGHT OUTPUT (TYP)	230	230	cd/m ²
REVERSE VOLTS @.2mA	20	20	V _r MIN
VIEWING ANGLE (TYP)	180	180	2x theta
EMITTED COLOR	GREEN	RED	
(X) PART OF SUFFIX	(G)	(I)	

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DATE: 9-27-94

DWN:

CHK'D:

APPD:

SCALE: DO NOT SCALE DWG

69mm X 59mm BACKLIGHT DISPLAY, 160 CHIPS ON BOARD

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