REV-A

REFERENCE INPUT..... 8V RMS, 2500Hz to 3500Hz

OUTPUT..... ±7.5V RMS L-L

OUTPUT LOAD..... 2K MIN.

D.C. SUPPLY REQ'D..... +5V @ 12ma MAX (8ma TYP)
(REGULATED) +12V @ 30ma MAX (20ma TYP)
-12V @ 30ma MAX (20ma TYP)
GND

RESOLUTION..... 14 BITS

ACCURACY..... ±.05% @ F.S. TYPICAL, .1% WORST CASE

DIGITAL INPUT CODES: (+FS OUT = RL-RH)

SCALE	OFFSET BINARY MSB LSB
+FS - 1 LSB	11111111111111
+3/4 FS	11100000000000
+1/2 FS	11000000000000
+1/4 FS	10100000000000
0	10000000000000
-1/4 FS	01100000000000
-1/2 FS	01000000000000
-3/4 FS	00100000000000
-FS +1 LSB	00000000000001
-FS	00000000000000

ENABLE INPUT ("-E" UNITS ONLY)..... LOGIC "0" = INPUT DATA LOAD
(TTL COMPATIBLE LOGIC)

MECHANICAL..... 2.625 x 3.125 x .52" OR .60"
(SEE DWG A6510)

OPERATING TEMPERATURE..... 0°C to +70oC

OTHER VOLTAGES & FREQUENCIES AVAILABLE.

"-2/5-" = 2VL-L OUTPUT
5VRMS REF

COMPUTER CONVERSIONS CORP
6 DUNTON COURT · EAST NORTHPORT, N.Y. 11731 · 516 261-3300

SCALE: A DRAWN BY: MACNAMARA

DATE: 4-9-96

14 BIT DIGITAL TO 3 WIRE LVDT CONVERTER MODULE
"S3LVDT414-13/26-1"

SPECIFICATIONS

DRAWING NUMBER
A6511