

REV
NO.

TITLE

TIMED ACCELERATION
TEST SPECIFICATION

68A989348

CONT ON SHEET FL. SH NO. 1

FIRST MADE FOR PC

ELEMENTARY -

SH. 3.0

POWER INPUTS :C3600AFGD

PIN 24 +50 VOLTS

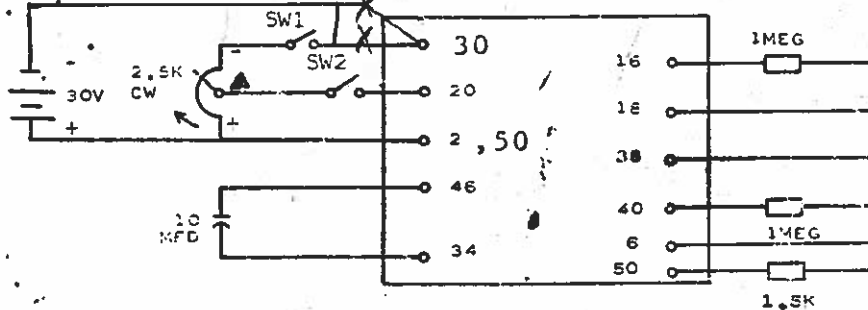
PIN 30 -50 VOLTS

PINS 2 AND 50 - COMMON

~~30 VOLT TO PIN 44~~ *SW 1 + 2 closed.*

LOADS -1300 OHMS, 10 WATTS (PIN 6 TO PIN 50)
CONNECT CARD IN TEST CIRCUIT AS SHOWN BELOW.

*USE 30V SUPPLY TO
SW1 TO POT
SEE NOTES.*



SET BIAS - SET R43 AND R44 FULL C.W. CLOSE SW1 AND SW2. SET 2.5K POT FOR -35V ON POT WIPER. ADJUST TRIMPOT R42 SO THAT OUTPUT VOLTAGE (PIN 50 (+) TO PIN 6 (-)) DOES NOT CHANGE WHEN SW2 IS OPENED. *(DO NOT HANG VOLTMETER ON PIN 20 WHEN SETTING POT.)*

SET BALANCE - CLOSE SW1 AND SW2. SET 2.5K POT FULL CCW. ADJUST TRIMPOT R44 TO OBTAIN ZERO VOLTS FROM PIN 20 TO PIN 6.

SET CLAMP - SET 2.5K POT IN EXTREME COUNTER-CLOCKWISE POSITION. ADJUST TRIMPOT R43 TO OBTAIN 5 MILL VOLTS FROM PIN 50 (+) TO PIN 6 (-).

CHECK CURRENT LIMIT - SET 2.5K POT IN EXTREME CLOCKWISE POSITION. SHORT TERMINAL 6 TO TERMINAL 50. AFTER ONE MINUTE REMOVE THE SHORT. VOLTAGE FROM PIN 6 TO PIN 50 SHOULD RECOVER TO 30 VOLTS.

CHECK TIMING - SET 2.5K POT FULL CCW. OPEN SWITCH SW-1. VOLTAGE FROM PIN 6 TO PIN 50 SHOULD DECAY TO 5 MV IN 30 TO 35 SECONDS. CLOSE SW1. SET 2.5K POT FULL CW. VOLTAGE FROM PIN 6 TO PIN 50 SHOULD RECOVER TO 30V IN 30 TO 35 SEC.

☒ R43
☒ R44
☒ R42



REVISIONS

AC. 10/19/64	8-22-64	1-15-64	AR
1			

PRINTS TO

MADE BY

E. H. H. H.

APPROVED

E. H. H. H.

NONSTANDARD CONTROL

DIV OR

DEPT

68A989348

ISSUED

June 17, 1964

SALES, / RO. N. A.

LOCATION

CONT ON SHEET FL. SH NO. 1