

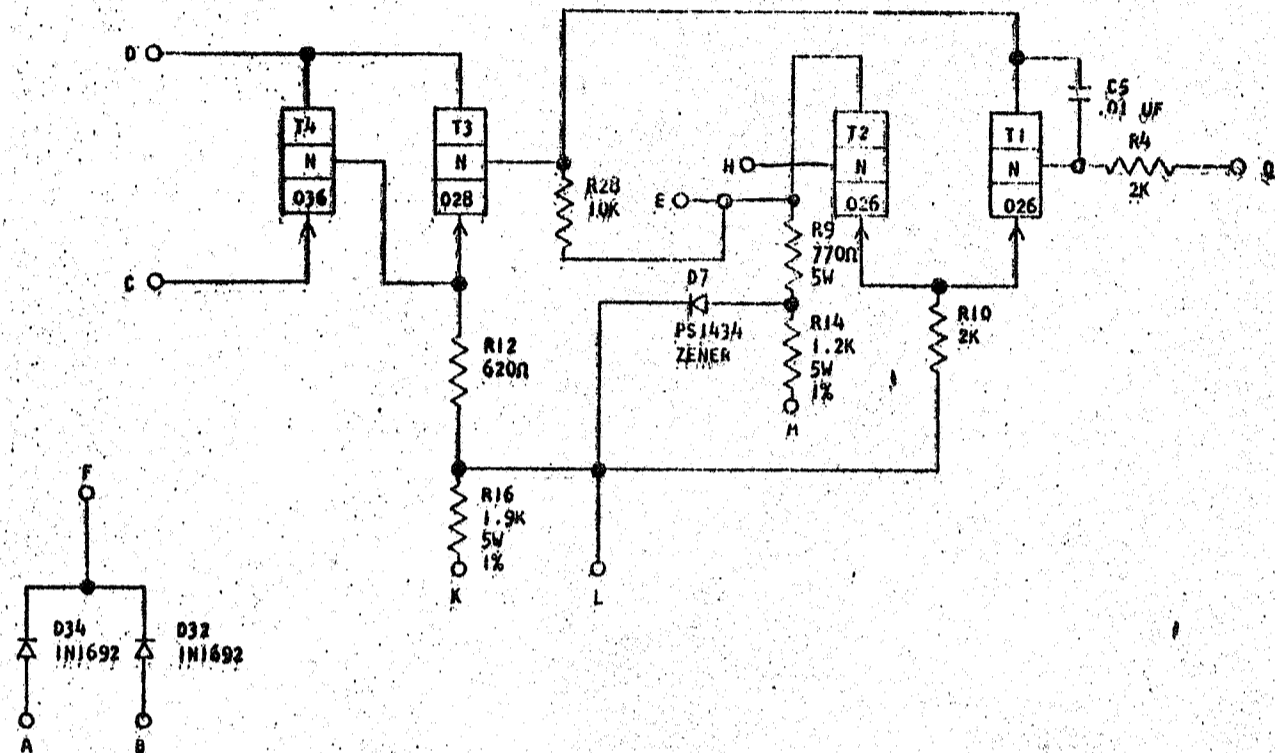
370612

STANDARDS
CODE
2-7045

6 VOLT DIFF AMPLIFIER
MOUNT CARD ON ONE INCH CENTERS - NOTE XVII

RESTRICTED NOTE XIV

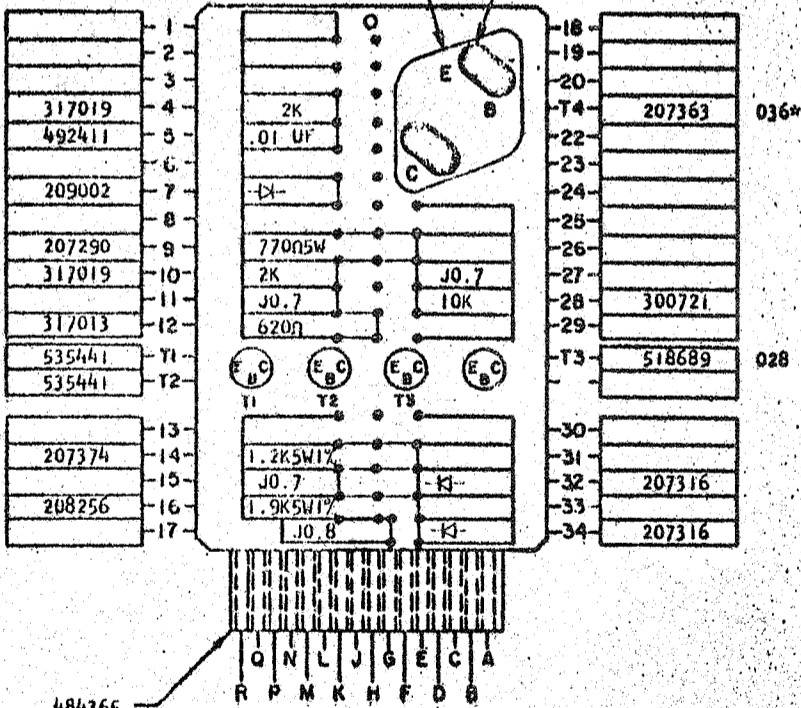
370612



483044(3) TRANSISTOR SPACER
NOTES XII, XV, XVI

100601 EPOXY
NOTE XVII
2 AREAS

- NOTES
- I CIRCUIT MUST CONFORM TO ENGINEERING SPECIFICATION
 - II ASSEMBLE TO ENGINEERING SPECIFICATION 895396 AND 891999
 - III ALL RESISTORS ARE 1/2 WATT AND ±5% UNLESS OTHERWISE NOTED
 - IV "J" IN BLOCK DENOTES BARE WIRE JUMPER, 491296
 - XIV TECHNICAL LABORATORY EVALUATION INCOMPLETE. ADDITIONAL USAGE TO BE AVOIDED. THIS PART SUBJECT TO WITHDRAWAL.
 - XV DO NOT CRIMP TRANSISTOR LEADS. HAND SOLDER TRANSISTOR TO BOARD AFTER CLEANING. MOUNT TRANSISTOR .015 MIN TO .020 MAX ABOVE SURFACE OF CARD. USE SPACER 483044(3) ON TRANSISTOR 207363. PUT TWO BEADS OF 100601 EPOXY ACROSS THE BOTTOM OF 036 TRANSISTOR 207363 AND BAKE AT 125±5°F FOR 20 MINUTES MIN.
 - XVI CUT INSULATING TAPE PART NUMBER 483029 TO A DIA OF .750±.010 AND APPLY TO TOP OF TRANSISTOR 207363
 - XVII EPOXY AREAS TO BE 3/16 TO 1/4 INCH WIDE BY APPROXIMATELY .030 HEIGHT BEFORE MOUNTING.
 - XVIII MAX HEIGHT THAT COMPONENTS MAY PROJECT ABOVE SURFACE OF CARD WILL BE .405



B

| CIRCUIT AND PACKAGING STANDARD | |
|--------------------------------|------|
| APPROVAL | DATE |
| | |

COMPONENT SIDE

| INTERNATIONAL BUSINESS MACHINES CORP. | DATE | CHANGE NO. | APPROVAL | DATE | CHANGE NO. | APPROVAL | DEVELOPMENT NO. |
|---------------------------------------|---------|------------|----------|---------|------------|----------|-----------------|
| NAME CARD ASM TSTR- 6 VOLT | 6-8-61 | 111822 | NOTE XIV | | | | 88-2149 |
| DIFF AMPLIFIER | | | | | | | |
| DESIGN | TYPE | SMS | PWR | SUP | | | |
| DETAIL JFM | 4-11-61 | SCALE | NONE | | | | |
| CHECK CWS | 4-14-61 | DRAW | VE | 5-15-61 | | | |
| APPRO CHS | 6-7-61 | CHECK | JAD | 5-18-61 | | | |

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YGL -

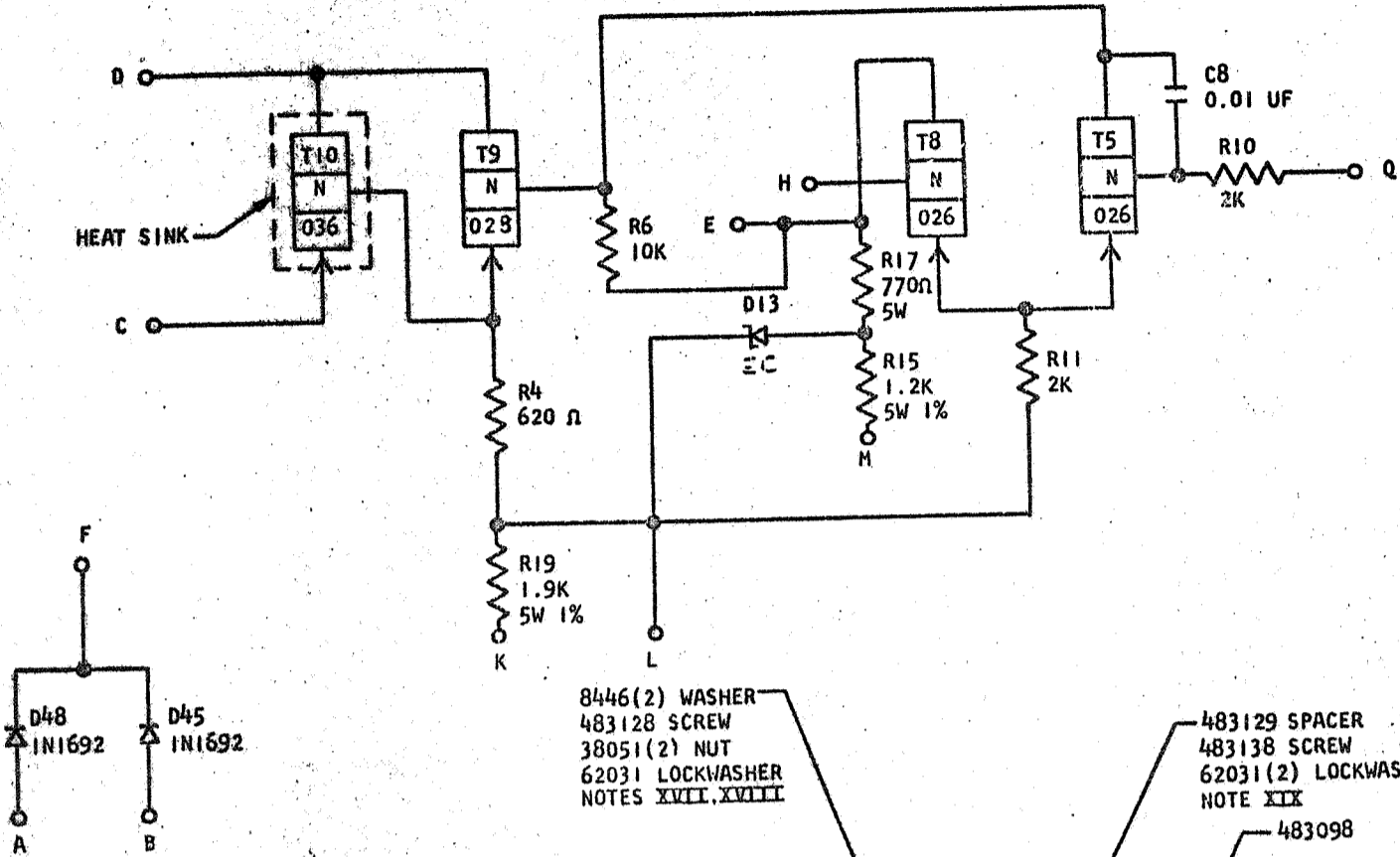
STANDARDS CODE
2-7045

6 VOLT DIFF AMPLIFIER

MOUNT CARD ON ONE INCH CENTERS - NOTE XVI

RESTRICTED NOTE XIV

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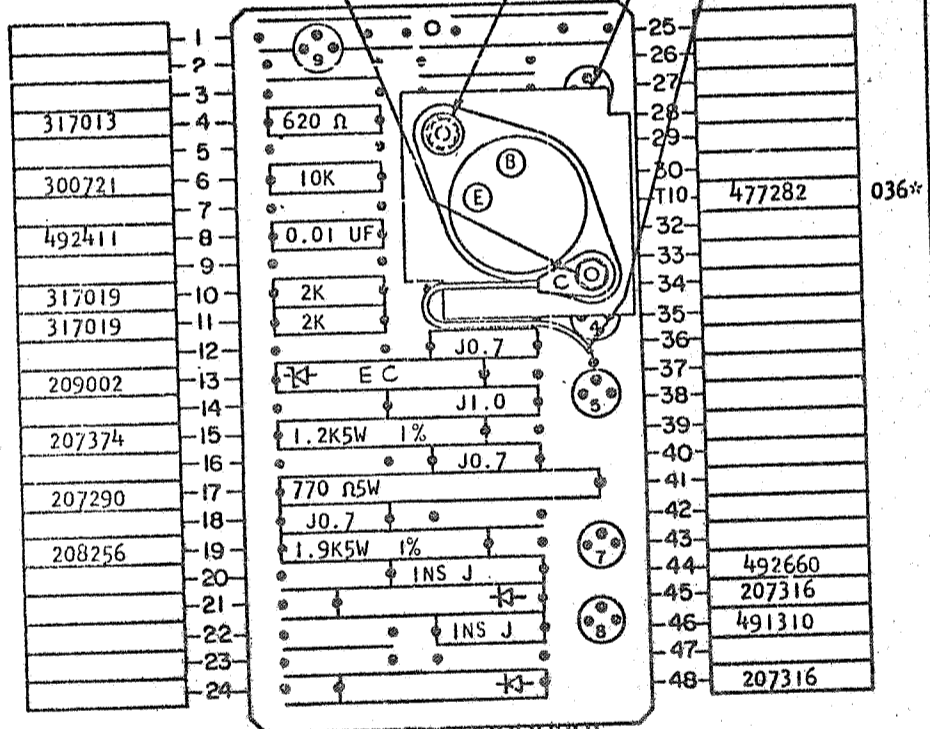


8446(2) WASHER
483128 SCREW
38051(2) NUT
62031 LOCKWASHER
NOTES XVII, XVIII

483129 SPACER
483138 SCREW
62031(2) LOCKWASHER
NOTE XIX

NOTES

- X CIRCUIT MUST CONFORM TO ENGINEERING SPECIFICATION 892612
- XI ASSEMBLE TO ENGINEERING SPECIFICATION 895396, 891999
- XII ALL RESISTORS ARE 1/2 WATT AND $\pm 5\%$ UNLESS OTHERWISE NOTED
- XIII "J" IN BLOCK DENOTES BARE WIRE JUMPER 491296 UNLESS OTHERWISE NOTED
- *XIV TECHNICAL LABORATORY EVALUATION INCOMPLETE. ADDITIONAL USAGE TO BE AVOIDED. THIS PART SUBJECT TO WITHDRAWAL.
- XV DO NOT CRIMP TRANSISTOR LEADS.
- XVI MAX HEIGHT THAT COMPONENTS MAY PROJECT ABOVE SURFACE OF CARD WILL BE .610
- XVII CASE IS ELECTRICALLY CONNECTED TO COLLECTOR, CONNECTION COMPLETED THROUGH JUMPER
- XVIII WASHER 8446 TO BE PLACED BETWEEN HEAT SINK AND CARD SURFACE
- XIX PLACE ONE LOCKWASHER 62031 ON EACH SIDE OF NUT



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| CIRCUIT AND PACKAGING STANDARD | |
|--------------------------------|----------------|
| APPROVAL | DATE |
| <i>J H Tolson</i> | <i>1/24/62</i> |
| HOLE PATTERN | |
| 493457 | |

COMPONENT SIDE

| INTERNATIONAL BUSINESS MACHINES CORP. | DATE | CHANGE NO. | APPROVAL | DATE | CHANGE NO. | APPROVAL | DEVELOPMENT NO. |
|---------------------------------------|----------|------------|----------|------|------------|----------|-----------------|
| NAME CARD ASM TSTR - 6 VOLT | 6-8-61 | 111822 | NOTE XIV | | | | 88-2149 |
| DIFF AMPLIFIER | 12-1-61 | 112448 | NOTE XIV | | | | |
| DESIGN EDF 12-20-61 | 12-26-61 | 112448A | NOTE XIV | | | | |
| DETAIL JH 12-29-61 | 2-6-62 | 113685 | NOTE XIV | | | | |
| CHECK EDF 1-4-62 | 3-28-62 | 113967 | NOTE XIV | | | | |
| APPRO GWS 2-5-62 | | | | | | | 370612 |

82-3987-2 6-22-61