

|                  |          |            |              |            |
|------------------|----------|------------|--------------|------------|
| STANDARDS CODE   | 2-6235   |            | SHEET 2 OF 3 | 5803327    |
| CIRCUIT APPROVAL | WML      | 08-21-68   | STATUS       | ACTIVE     |
| LOCATION         | BOULDER  |            |              | RESTRICTED |
| RAW CARD NUMBER  | 5815169  | 2          | HOLE PATTERN | 5815169    |
| FRONT ARTWORK    | DATE     | CHANGE NO. | DATE         | CHANGE NO. |
| 5815169          | 10-29-64 | DEV3868    | 09-10-68     | 176350     |
| BACK ARTWORK     | 03-27-65 | 163567     | A            |            |
| 5815169          | 08-15-67 | 162603     | E            |            |

| PIN | VOLTS |
|-----|-------|
| B03 | +3    |
| B11 | +6    |
| B06 | +12   |
| D08 | GND   |
| B06 | -3    |

| CODE | PART NO | VALUE          | QTY       |
|------|---------|----------------|-----------|
| R 1  | 317016  | 820.000        | .50 + 5 1 |
| R 2  | 5301517 | 10.000         | .25 + 5 1 |
| R 3  | 492593  | 20.000K        | 1. + 5 1  |
| R 4  | 216455  | 2.700K         | .25 + 5 1 |
| R 5  | 216447  | 1.200K         | .25 + 5 1 |
| R 6  | 216452  | 2.000K         | .25 + 5 1 |
| R 7  | 216453  | 2.200K         | .25 + 5 1 |
| R 8  | 216470  | 12.000K        | .25 + 5 1 |
| R 9  | 216445  | 1.000K         | .25 + 5 1 |
| R10  | 216443  | 750.000        | .25 + 5 1 |
| C 1  | 350449  | 680. P         | 1         |
| C 2  | 350428  | 100. P         | 1         |
| C 3  | 124584  | 2.2 U          | 1         |
| C 4  | 124513  | 47. N          | 1         |
| Q 1  | 318324  | 033 PNP        | 1         |
| Z 1  | 836440  | SLT MODULE     | 1         |
| Z 2  | 836451  | SLT MODULE     | 1         |
| A 1  | 2414883 | RC MODULE      | 4         |
| HB   | 811399  | PTO-51 SPACER. | 01        |

NOTES:  
 RA-ALL CIRCUITS MUST CONFORM TO ENG. SPEC. SHOWN ON SHEET 1.  
 AB-ASSEMBLE TO ENGINEERING SPECIFICATION 890913  
 AC-CARD CONFORMS TO DECOUPLING REQUIREMENTS IN 811800.  
 HB-ASSEMBLE WITH PIN 811399 PTO-51 SPACER.  
 NA-PART MUST NOT BE SUBJECTED TO ANY LIQUID.

| INTERNATIONAL BUSINESS MACHINES CORP. |                                 |     |          |                |
|---------------------------------------|---------------------------------|-----|----------|----------------|
| NAME                                  | CARD ASSEMBLY LEADING EDGE TIME |     |          |                |
|                                       | DELAY                           |     | LAP      |                |
| DESIGN                                | 09-20-63                        | ADD | TYPE     | 2802           |
| DETAIL                                | 09-20-63                        | ADD | SCALE    | NONE           |
| CHECK                                 | 10-23-63                        | WML | DRAW     | 7090 108-29-68 |
| APPRO                                 | 10-11-64                        | GMM | L.C.C.N. | LAMINATED      |

