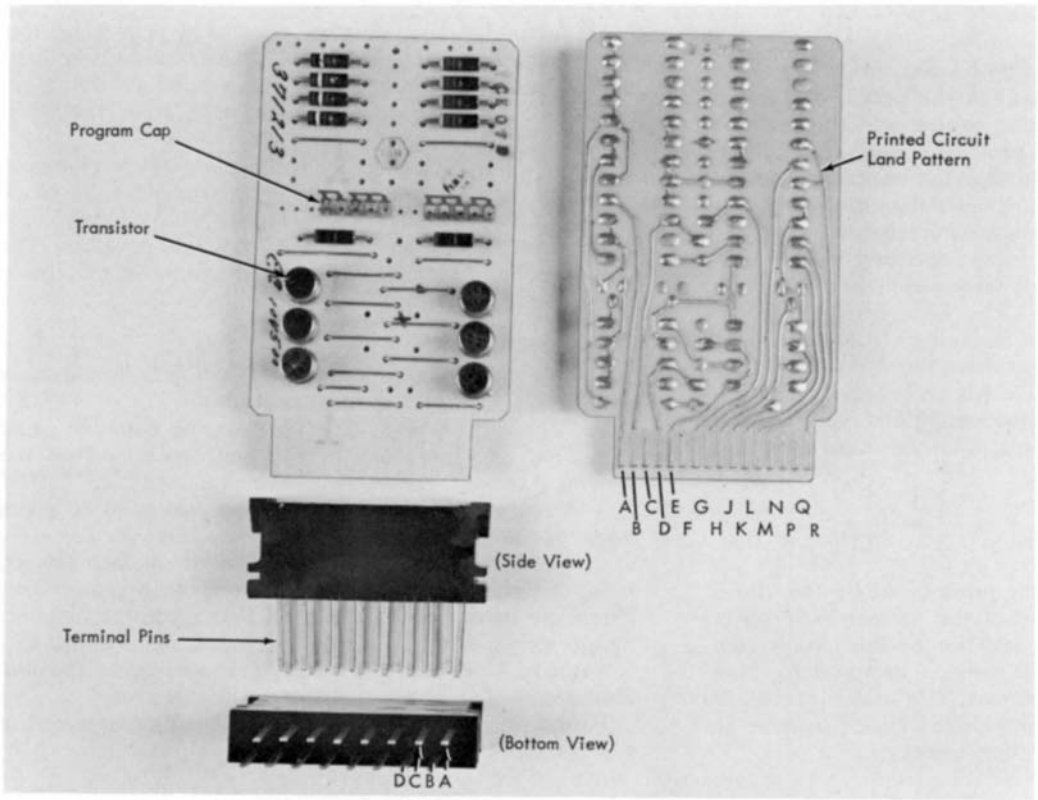

Figure 7. SMS Printed Circuit Card and Socket

from AA to ZZ, in alphabetical order. The last two digits refer to a specific cap connection made on the SMS cards that have program caps. The cap connection code is assigned from ZZ to AA in this order. If all cap connections are cut, or if a card does not have a program cap, — — will be used in place of the code letters for cap connection (e.g., AK- -). Both a card code and a cap connection code are required to identify a card properly. On the component side of each card is stamped the assembly part number.

SMS Card Receptacles

The pluggable printed circuit cards are inserted into SMS receptacles as shown in Figure 7. Although the contacts are all in line on the card insertion side of the SMS receptacle, they pass through the receptacle in a staggered arrangement as noted in the figure. This staggering allows additional room for Wire-Wrap or soldering of signal and voltage wires to the terminal pins. Figure 8 shows an 8-position socket also used in the SMS packages.

Special Printed Wiring Cards

Modified pluggable SMS cards are used as inter-chassis cable connectors. These connectors are inserted into the SMS receptacles and facilitate the manufacturing and servicing process. Back-panel printed circuit cards are also used to distribute the standard supply voltages to groups or rows of cards.

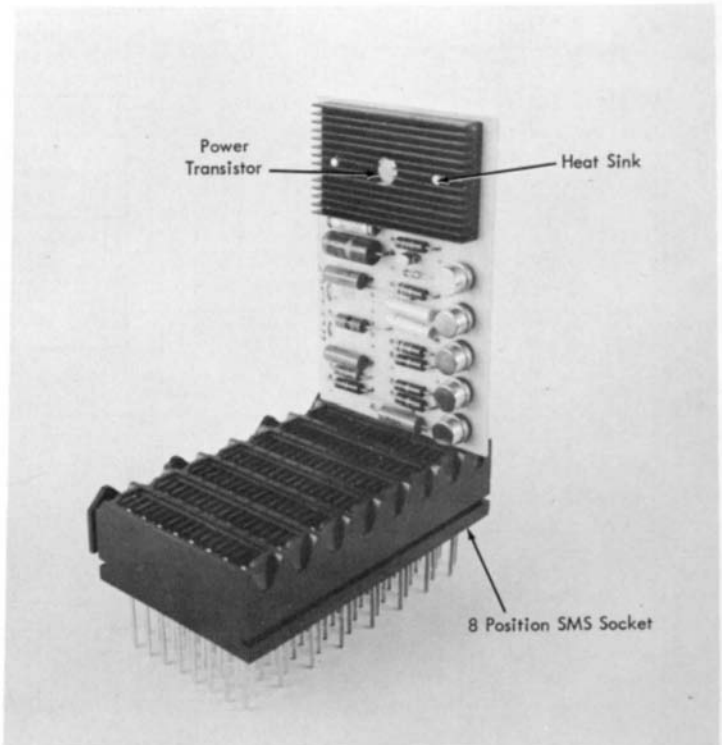

Figure 8. SMS Card and Eight-Position Socket