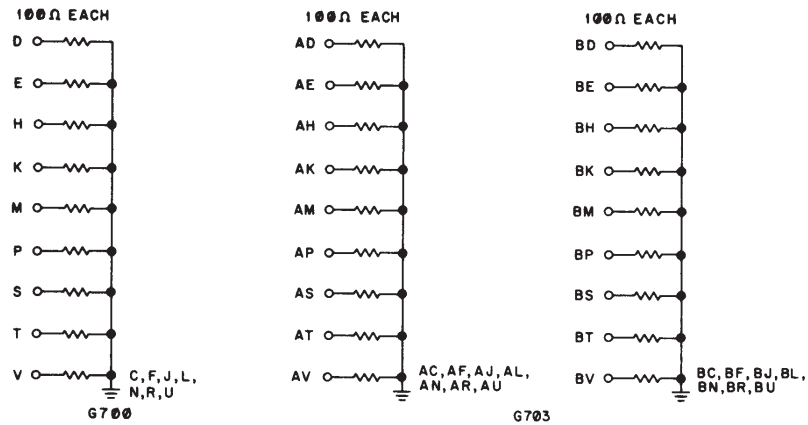


G700, G703 100 Ω TERMINATORS

Standard Size FLIP CHIP Module, 18 Pins.



The G700 provides nine 100 Ω resistive terminators for use in terminating standard 9-circuit cables such as W021 cable assemblies. It is designed to plug into the same module locations as the cable assembly facilitating future extension of the cable. A typical application is the termination of the PDP-10 memory bus in the MB10 memory. The G700 is also useful for terminating transformer-coupled pulse-amplifier outputs such as are found on the B611. Details of pulse amplifier termination are provided in Chapter 11.

The G703 is a double width FLIP CHIP module with 36 pins. It provides 18 100-Ω resistive terminators for use in terminating standard dual 9-circuit cables such as W851 cable assemblies. The G703 is notched to fit in a module location which has been provided with nylon cable retaining blocks such as the H003 or H004, which hold BC09A and BC10A FLIP CHIP cables to module blocks. Thus, the G703 can be used to terminate a bus by plugging it into the same location that future bus extension cables plug into.

INPUTS: Each input pin has a 100 Ω ±10% 1/4 W carbon resistor to ground.

GROUND: All ground pins must be grounded. The "A" and "B" ground buses of the G703 are not internally connected.

POWER: No power is required. Power connections to pins A and B (G700) or AA, AB, BA and BB (G703) are optional. These pins are not connected to anything internally.