

STORAGE CABINET EC-21212  
FOR PRINTED WIRING CARD ASSEMBLIES

1. GENERAL

1.01 This section provides a description of the storage cabinet for spare Printed Wiring Card Assemblies (PWC's). This cabinet can be used to store spare PWC's for the electronic systems manufactured by GTE AE (No. 1 EAX, No. 1 TSPS, No. 1 XPT, No. 1 AE-CAMA, etc) as well as other systems utilizing 46-pin, 98-pin, or 112-pin PWC's.

2. DESCRIPTION

2.01 The cabinet, (Figure 1a) is 6 feet 9 inches high, 15 inches deep, and 2 feet 2 inches wide. It is beige and the door is equipped with a key lock.

2.02 The shelves (Figure 1b) available for this cabinet are as follows:

- (a) A cabinet to be used for the 112-pin PWC's requires 6 shelf assemblies and associated mounting hardware. Two shelf assemblies form one card file; therefore, six shelf assemblies form five card files. Each card file is capable of providing space for twenty-two 1-inch PWC's or eleven 2-inch PWC's. A maximum of one hundred and ten 1-inch or fifty-five 2-inch, 112-pin PWC's may be stored in the cabinet.
- (b) A cabinet to be used for 98-pin PWC's requires 8 shelf assemblies and associated mounting hardware. Two shelf assemblies form one card file; therefore,

eight shelf assemblies form seven card files. Each card file is capable of providing space for 37 PWC's. A maximum of 259 of the 98-pin PWC's may be stored in the cabinet.

- (c) A cabinet to be used for 46-pin PWC's requires 12 shelf assemblies and associated mounting hardware. Two shelf assemblies form 1 card file; therefore, 12 shelf assemblies form 11 card files. Each card file is capable of providing space for 37 PWC's. A maximum of 407 of the 46-pin PWC's may be stored in the cabinet.
- (d) A plain storage shelf and associated mounting hardware may be ordered when it is desirable to store additional miscellaneous items (test equipment, etc).

2.03 Any combination of 46-pin, 98-pin, or 112-pin PWC's can be accommodated in the same cabinet.

2.04 The cabinet and shelf assemblies are to be assembled as shown on the method of assembly drawing (EC-21 127). The shelf spacing for PWC's are as follows:

- (a) 5.531 inches for 46-pin PWC's.
- (b) 8.218 inches for 98-pin PWC's.
- (c) 13.281 inches for 112-pin PWC's.
- (d) 14 inches for storage shelves.

Figure 2 provides an example of a cabinet equipped with shelves for 46-pin, 98-pin, and 112-pin PWC's.

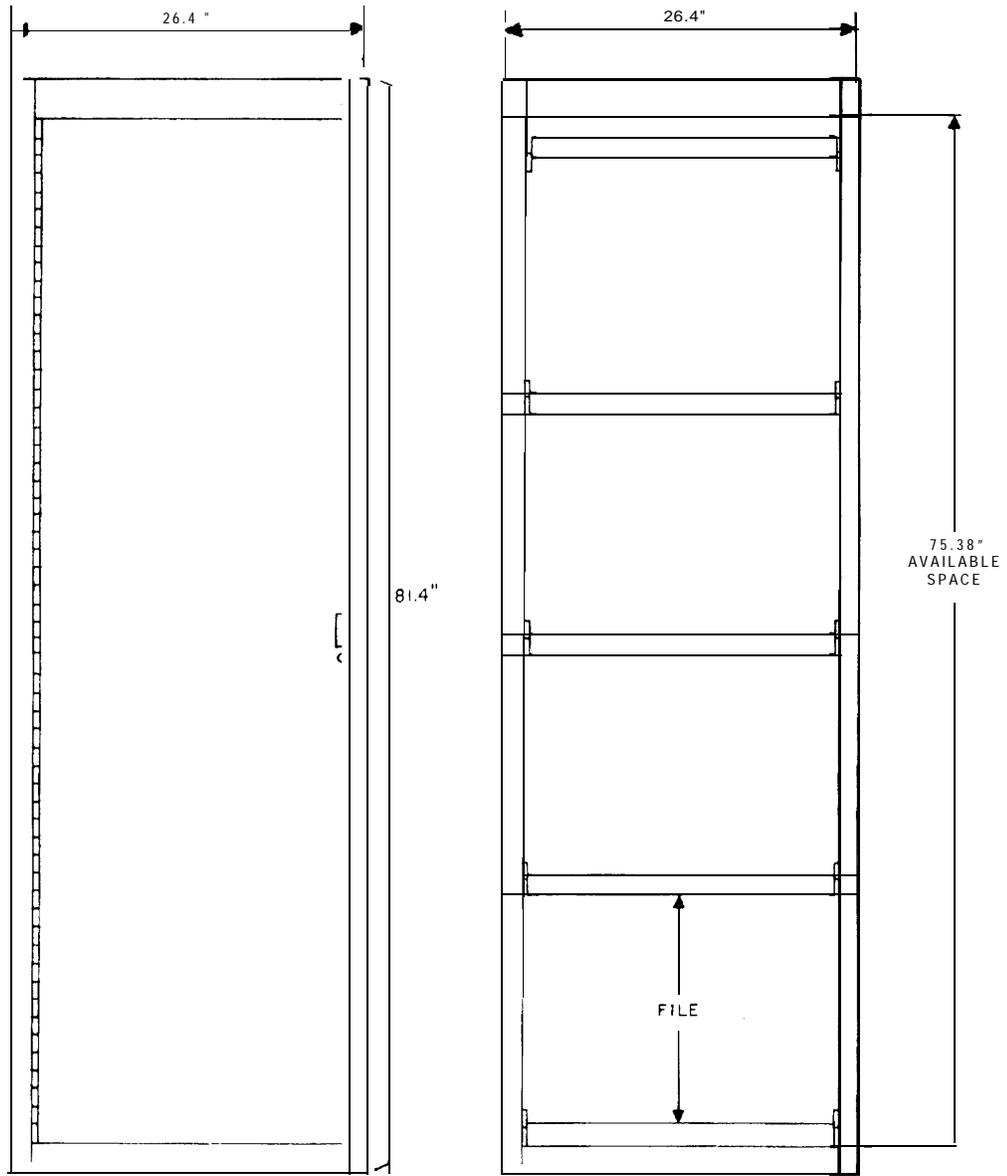


Figure 1a. Cabinet.

Figure 1b. Typical Shelf Mounting (inside of Cabinet Without Door).

Figure 1. Storage Cabinet.

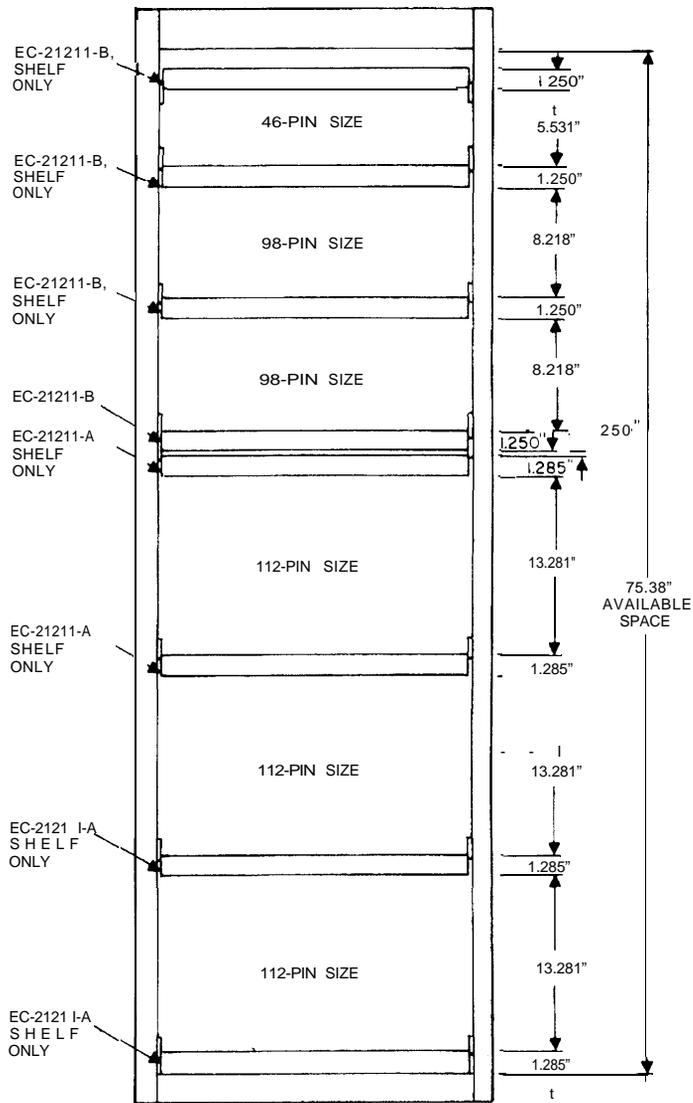


Figure 2. Cabinet Showing Shelves for 46-Pin, 98-Pin, and 112-Pin