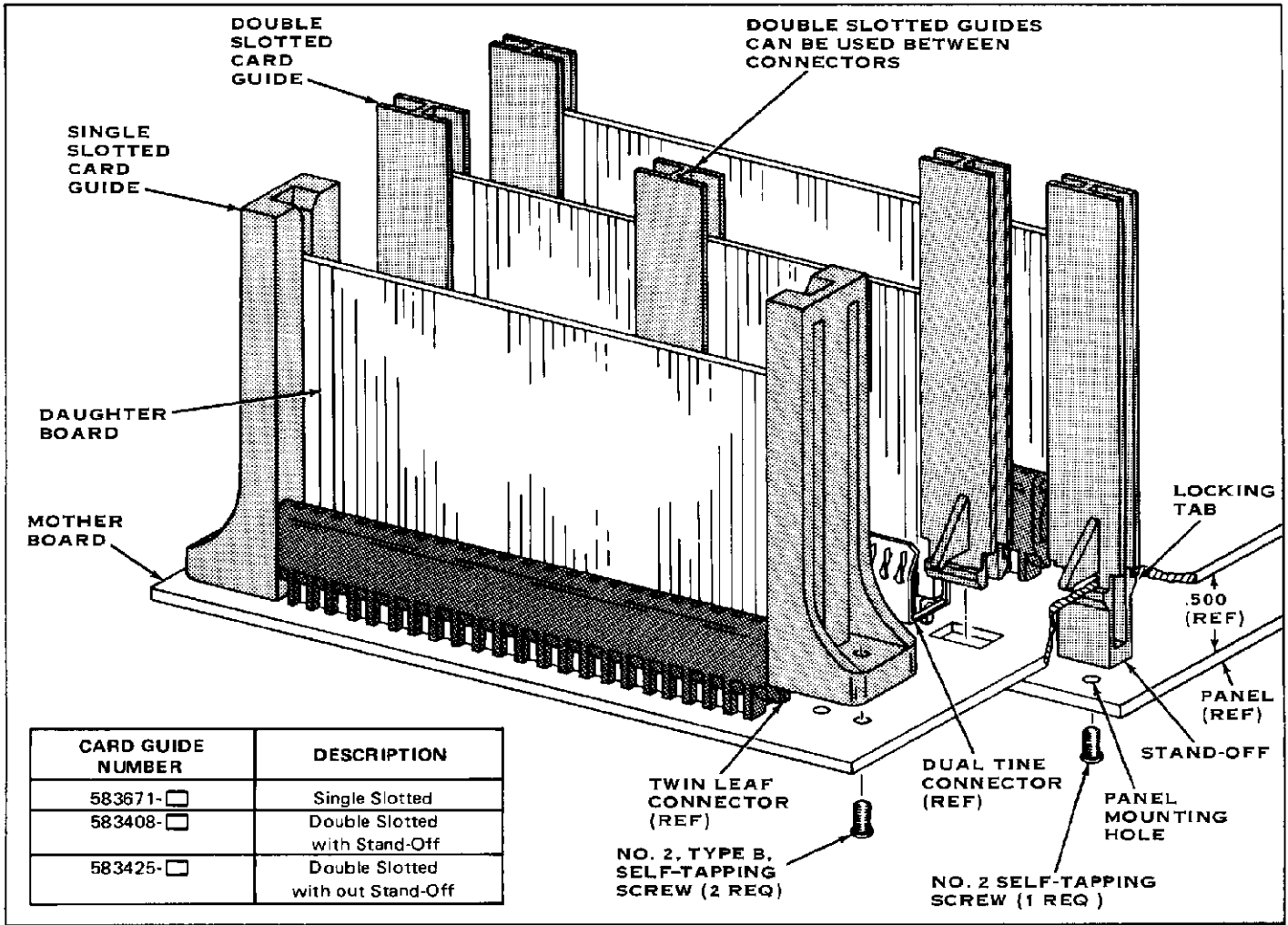




AMP★ CARD GUIDES
FOR
AMP DUAL TINE AND TWIN LEAF CONNECTORS

IS 7506	
RELEASED	5-19-71
REVISED	6-15-73



CARD GUIDE NUMBER	DESCRIPTION
583671-□	Single Slotted
583408-□	Double Slotted with Stand-Off
583425-□	Double Slotted with out Stand-Off

FIGURE 1

1. INTRODUCTION

These instructions cover the installation of the AMP Card Guides shown in Figure 1. Read this material, and that packaged with the connectors (IS 7498), before starting installation.

NOTE All dimensions presented on this instruction sheet are in inches, unless otherwise stated.

2. DESCRIPTION

The card guides are designed to stabilize mother/daughter type, printed circuit board (pc board) assemblies, and to ensure alignment between printed circuit pads and contacts.

There are two basic card guide styles — those with a single pc board slot and those with a double pc board slot. The double slotted guides are available with or

without a stand-off feature. They can be used between two connectors or at the end of a single connector. See Figure 1.

3. INSTALLING CARD GUIDES

The position of the card guides can be determined with a blank daughter board having the same overall width as the functional daughter board, or by using the dimensions shown in Figure 2.

NOTE The customer controlled dimensions (in the chart, Figure 2) include the maximum tolerance which, for some applications, may cause a small gap between the end of the connector and the card guide. This is permissible and will NOT be detrimental to the effectiveness of the application.

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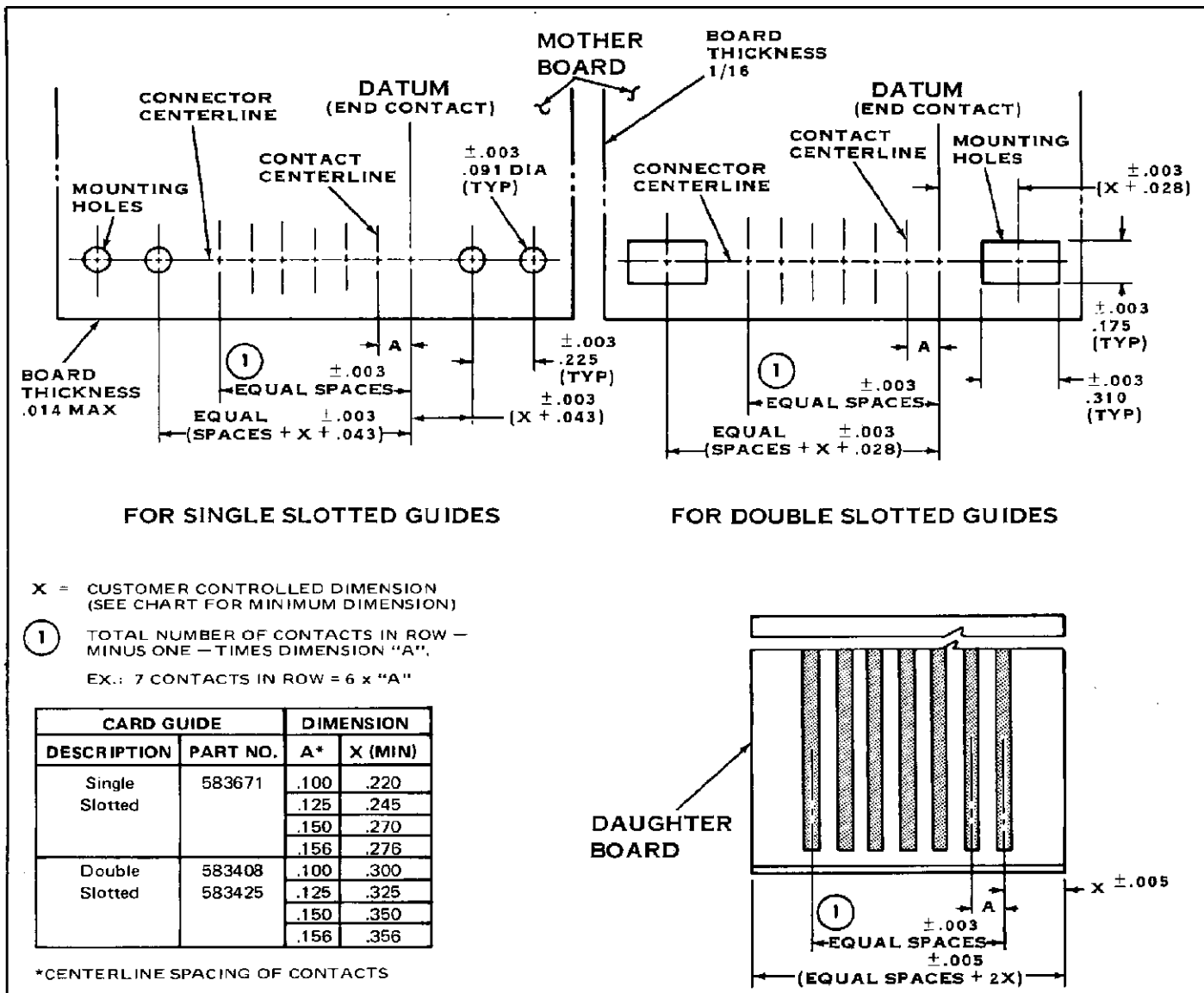


FIGURE 2

A. Installing Single Slotted Guides

1. Determine the location of the card guide, then make mounting holes in the mother board as indicated in Figure 2.
2. Align the card guide with the mounting holes and secure it with two No. 2, Type B, self-tapping screws. The screw should enter the card guide approximately 3/32 in.

B. Installing Double Slotted Guides

1. Make a card guide cutout in the mother board using the dimensions shown in Figure 2.
2. Insert the card guide straight into the cutout until it snaps into position. Make sure the locking tabs are seated on the board as shown in Figure 1.

The card guides with a stand-off feature are used to mount a pc board assembly to a panel. After such guides are installed in the mother board, determine the location of the mounting holes and transfer these dimensions to the panel. Drill 0.091 diameter holes in the panel, then align the card guides and secure them with No. 2, Type B, self-tapping screws. The screw should enter the guide approximately 3/32 in.

4. DAUGHTER BOARD LAYOUT

The width of the daughter board will be determined by the distance between the slots in the card guides. Use the dimensions shown in Figure 2 to determine the width of the daughter board.

CAUTION

The overall dimensions must be within the tolerance shown to assure alignment between the printed circuit pads and the contacts in the connector.