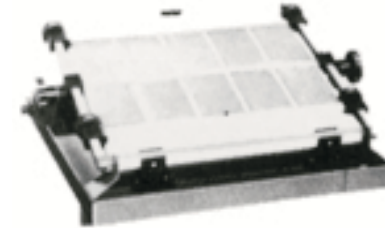


Rev.09/04



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PCSS

ASSEMBLY JIGS FOR PC BOARDS DETACHABLE

COMBINATIONS AND DIMENSIONS in mm.

	PCSS0	PCSA-0	PCSS1	PCSA-1	PCSS2	PCSA-2	PCSS3	PCSA-3	PCSS4	PCSA-4
1										
2										
3										
4										
COSTRUCTION SPECIFICATIONS										
<ul style="list-style-type: none"> The series of detachable PCSS PC Bboard Assembly Jigs has been produced to simplify and streamline printed circuit electronic component assembly. The main parts of PC Board Assembly Jigs in this series are simply slotter together and can easily be disassembled into the following units: Frame - PC holder unit - Component-Press Lid, lined with normal foam rubber (PCSS type) or anti-static conducting foam rubber (PCSA type) especially suitable for uses with electronic components sensitive to electrostatic loads. The standard type are supplied with two sliding rails, making them suitable for use with a variety of PC board sizes, and one central rail, which can be pressed into place manually. This makes it possible to assemble two parallel rows of printed circuits. PCSS0 and PCSA-0 types are supplied with only sliding rail. On request all types of PC board Assembly Jigs may be supplied with extra sliding rails up to a maximum of 4 for PCSS/PCSA-0-1-2-3 and 6 for PCSS4 and PCSA-4. This makes it possible to assemble several parallel rows of small PC board. 										

HOW TO USE PCSS/A DETACHABLE ASSEMBLY JIGS FOR PC BOARDS



PC board assembly jig screwed onto work top, with component-press lid down.



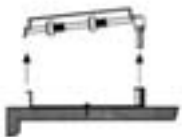
Foam rubber-lined lid for holding components in place. May be raised once front lock has been released.



Raising of whole PC board assembly jig unit rotating on its hinge-pin.



Self-adjustment to frame at right working angle, after unit raising.



Easy to detach PC assembly jig from frame. Rail positions as for types below.



PC Assembly jig with component-press lid closed screwed or clamped to work-top, in relation to the height of the components.



Foam rubber-lined lid for holding components in place. May be raised by applying pressure to front buttons (Anti-static conducting foam rubber for PCSA types)



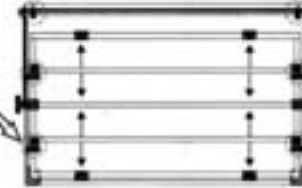
Easy to unslot and detach various parts. (Frame-PC holder unit- component- Press Lid)



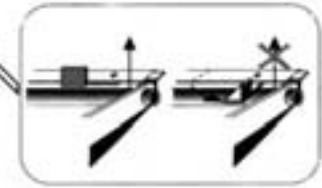
PC board assembly jig can be raised by turning special lateral knobs. Self-adjustment to frame at right working angle, after unit raising.



Sliding rails may be positioned by means of self-locking sleeves. A system of springs makes it possible to insert and remove printed circuit boards without changing position of sleeves.



CENTRAL RAIL can be pressed into place



Moveable couplings, located on the rear side of the assembly jigs for attaching the PC assembly jig to the frame. These couplings keep the PC assembly jig from detaching from the frame should it be moved in that direction.

USING PC BOARD ASSEMBLY JIG IN VERTICAL POSITION



Positioning of the lower corners of the PC Assembly Jig in the toothed guides located on the frame.



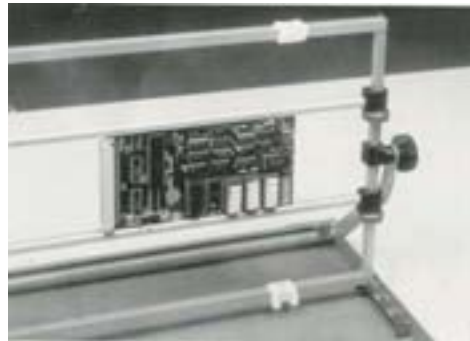
Positioning at 70° angle



Positioning at 80° angle



Positioning at 90° angle



Practical use of PC Assembly Jig with PC Board in place.



Unsoldering of components carried out with PC Assembly Jig in vertical positions.