

## Abstract

A module support structure 1 is proposed for printed circuit boards 2 which can be inserted on guide rails 5. The four parallel module rails 4 of the module support structure 1 to which the guide rails 5 are mounted are connected to the two parallel side walls 3 via a special mounting technique. Specially shaped mounting bolts 8 are used consisting essentially of a bolt head 11 having a flat seating surface 13, a substantially cylindrical threaded shaft 12, as well as a transition piece 19 disposed between the bolt head 11 and the threaded shaft 12 and tapering in a conical manner towards the threaded shaft 12. The mounting bolts 8 are fed through cylindrical mounting holes 9 in the side walls 3 and screwed into cylindrical holes 10 in the module rails 4. During tightening, the transition piece 19 abuts against the outer edge of the mounting holes 9 to force the module rails 4 against the projections 17 disposed above or below the mounting holes 9. In this manner, an exact positioning of the module rails 4 relative to the side walls 3 is necessarily effected. The outer edge of each mounting hole 9 can be deformed by the transition piece 19 until the seating surface 13 of the corresponding bolt head 11 seats on the side wall 3.

(Figure 2c)

This Sheet Has Been Replaced

