

ABSTRACT

SHUNT CONNECTOR ASSEMBLY

A miniaturized shunt connector assembly (10) provides sufficient retention force between the assembly and mating contact posts (16) and includes an insulative housing (13) defining a contact-receiving cavity (30) and a contact (12) mounted therewithin. The contact (12) includes an opposing pair of generally opposing support pieces (8,9) including parallel arm supporting portions (18c,18d,20c,20d) spaced a given dimension apart. Resilient contact arms extend from an upper edge of each arm supporting portion and are inwardly and downwardly formed to project beyond the lower edge thereof. An anchor portion extends from a lower portion of each support piece and connects to an adjacent portion of the other of the pair of support pieces. One resilient contact arm opposes a corresponding resilient contact arm inside respective arm supporting portions and maintains a spaced apart dimension smaller than the dimension of the parallel arm supporting portions. The connector assembly is used to electrically couple or short two adjacent contact pins, and may be formed with contact portions generally equidistant from the top and bottom surfaces of the housing, thus obviating the need for orienting the housing.

This Sheet Has Been Replaced

