

-14-

ABSTRACT**ELECTRICAL CONNECTOR ASSEMBLY FOR MOUNTING ON A PRINTED
CIRCUIT BOARD**

5 A system (10) is disclosed for maintaining an
electrical connector assembly (12) mounted on a printed
circuit board (14) during soldering of the assembly to the
board. A housing (16) has a plurality of terminals (18)
mounted therein. The terminals include solder tails (20)
10 projecting from the housing for insertion into respective
holes (22) in the printed circuit board. Each terminal
(18) is stamped in planar form of sheet metal material.
The solder tails (20) are arranged in a row of pairs
thereof, with the solder tails in each row being in a plane
transverse to the row. All of the solder tails are of
15 similar shape with each solder tail including a straight
intermediate section (34) projecting from the housing, a
straight tip section (36) for insertion into a respective
hole in the printed circuit board, and an offset curved
section (38) between the intermediate and tip sections.
20 The curved section of one solder tail extends in a
direction transverse to the row opposite to the curved
section of the other solder tail in each pair thereof.
Each curved section (38) is shaped such that each solder
tail engages the circuit board only at the curved section
25 within its respective hole. The straight intermediate
section (34) and the straight tip section (36) of each
solder tail are collinear.

This Sheet Has Been Replaced

