

ABSTRACT:ELECTRICAL CONNECTOR WITH EMBEDDED TERMINALS

5       An electrical connector (100,200) has a longitudinal slot (4,4') and a plurality of terminals (2,2') fixed within the slot (4,4') in the connector housing (1,1'). The terminals (2,2') are arranged at regular intervals and embedded in the sidewalls (102,104,202,204) of the housing (1,1') during the process of insert-molding the connector (100,200). Each terminal 10       (2,2') includes a contact portion (6,6') which is positioned vertically in the connector housing slot (4,4') along the inner walls (108,109,203,205) thereof, an engagement end (7,7') which is embedded in the housing sidewalls (102,104,202,204), and a solder tail (5,5') 15       portion which extends out of the connector. The contact portion (6,6') is retained in place on the inner walls (108,109,203,205) of the connector slot (4,4') by virtue of the engagement end (7,7') being embedded in the housing sidewall (102,104,202,204).

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This Sheet Has Been Replaced