

ABSTRACT

ELECTRICAL CONNECTOR WITH TERMINALS OF VARYING LENGTHS

5 An elongated electrical connector (12) includes
an elongated dielectric housing (14) having a mating face
(18) and a longitudinal cavity (38) defining a transverse
insertion axis generally perpendicular to the mating face
for receiving at least one terminal module (40). The
terminal module (40) includes a plurality of identically
stamped terminals (46) which are elongated in the direction
10 of the insertion axis. The terminals having mating ends
(24) projecting from the housing beyond the mating face
thereof. At least one (46') of the identically stamped
terminals (46) has a bend (64) therein to reduce the length
thereof such that the mating end (24) thereof projects from
15 the housing a lesser distance beyond the mating face than
the mating ends of the other terminals (46). A
longitudinal dielectric insert (42) is receivable in the
cavity (38) and is molded about portions (44) of the
identically stamped terminals (46).

Figure 5