

ABSTRACT

SHIELDED CONNECTOR WITH IMPROVED TERMINAL STRUCTURE

An electrical connector (6) disclosed comprises an insulative case (7) including a terminal projection (72) with opposed sides extending from the case.

5 Terminal cavities (721) extend through the case including grooves (7211) in both of the said opposed sides of the terminal projection. A conductive shield surrounds a substantial portion of the case. A terminal (8) is in each groove (7211) on both sides of the terminal projection (72). Each terminal comprises an elongated forward

10 portion (81) including a retention portion (812) for holding the terminal in the case and an insertion portion (813) extending from the cavity (721) for connecting the terminal to a conductor (81). The terminal further includes a return portion (811) extending from the forward portion and a contact portion (82) extending from the return portion along the forward portion. The conductive shield (9) surrounding the case includes a mating opening (93) near the contact portions (82) of the terminals.

15 The shield (9) includes a first side portion (911) opposed to a second side portion (912) with both side portions being adjacent to the mating opening (93). Two spaced-apart panel engaging fingers (9111, 9112) extend from near the first side portion (911) and one panel engaging finger (9121) extends from the near the second side portion (912). The one panel engaging finger (9121) is laterally
20 disposed between the two spaced-apart panel engaging fingers (9111, 9112).

