

ABSTRACT:

5 A connector assembly (14) for terminating a
shielded insulated wire (16) having a conductor core (48)
with a sheath (50) of insulation therearound, an outer
insulating jacket (52) and a shield (54) between the sheath
and the jacket. The assembly includes a dielectric housing
(18) mounting an electrically conductive signal terminal
(30) for termination to the conductor core of the wire. A
10 conductive grounding terminal (26) is disposed outside the
dielectric housing and has an insulation piercing section
(44) for displacing the outer insulating jacket of the wire
to engage the shield thereof, in response to the applica-
tion of a force on the grounding terminal generally paral-
15 lel to the longitudinal axis of the wire. The assembly is
applicable for terminating a series of shielded insulated
wires, with a plurality of conductive separator plates (40)
insert molded to the dielectric housing and individually
disposed between adjacent individual signal terminals.
20 When the assembly terminates a plurality of shielded
insulated wires, the grounding terminal is a unitary
component having shielding portions (42) along two opposite
sides of the signal terminals, with the separator plates
along the other opposite sides of the signal terminals.

This Sheet Has Been Replaced

