THIS SHEET HAS BEEN REPLACED

GROUNDING SHROUD FOR SURFACE MOUNTED ELECTRICAL CONNECTOR

ABSTRACT

A conductive ground shroud (50) for use with an electrical connector having a plurality of electrical terminals with surface mountable contact sections for electrically engaging circuitry on a circuit board. Shroud (50) includes a plate-like body 52 having first and second portions (54,62). The second portion (62) is configured to extend over the surface mountable contact sections when the shroud (50) is disposed on housing. The second portion (62) includes at least one contact section (70) for engagement to ground circuitry of circuit board. The second portion further includes at least one elongated aperture (64) extending therethrough proximate the surface mountable contact sections. Upon disposing the shroud (50) on the connector, mounting the connector and shroud (50) to circuit board and soldering the surface mountable contact sections to corresponding circuit pads on the board, aperture (64) permits sufficient heat generated during the soldering process to reach circuit pads to melt the solder thereby assuring electrical engagement of contact sections with corresponding pads.

Figure 4

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