

LANCED HOLD-DOWNS**Abstract**

A lanced hold-down (10) for securing a component such as a connector, to a printed circuit board assembly has a number of interconnected portions (14, 16, 18, 20). First and second interconnected portions (14, 16) are each in the form of a flat strip with sides (22, 26) and edges (24, 28). A third portion (18) connected to the second portion (16) has sides (30) and one or more curved or inclined edges (32) to enable the hold-down (10) to be inserted into a hole in the printed circuit board. A fourth portion (20) in the form of a flat finger is connected to the third portion (18) and is offset from the third portion (18). The fourth portion (20) also has sides (36) and edges (38, 39, 40). One of the edges (38) of the fourth portion (20) acts as a ramp to form an interference fit with the hole and produces with another of the edges (39) a barb (42) to guide the ramp into the hole but to resist withdrawal.

Figure 2.

This Sheet Has Been Replaced

