

**PRINTED CIRCUIT BOARD SPARKGAP****Abstract**

A printed circuit board (PCB) sparkgap utilizing one or more surface mount devices (SMDs) (210;310) wherein the 5 conductive ends (230;320) and solder fillets (220;320) of the SMDs form one or more conductive electrodes of the spark gap (400) and the SMDs help absorb electrical and thermal energy during an arc-over.

Figure 3

This Sheet Has Been Replaced

