

ABSTRACT

FUSE ELEMENT, FUSE, METHOD FOR PRODUCING A FUSE, SMD FUSE, AND SMD CIRCUIT

The invention relates to a fuse element (12_1; 12_2), comprising two connecting contacts (24_1', 24_1"; 24_2', 24_2") and an interposed conductive track (26_1; 26_2), wherein the conductive track (26_1; 26_2) has a reduced line-cross-section in relation to the connecting contacts (24_1', 24_1"; 24_2', 24_2") at least in some sections, further comprising at least one overlay (16_1; 16_2', 16_2"), wherein the fuse element (12_1; 12_2) and the overlay (16_1; 16_2', 16_2") each comprise materials which undergo diffusion when a predetermined ambient temperature is exceeded and when an electric current is conducted by the fuse element (12_1; 12_2). The invention further relates to a fuse (10) having such a fuse element (12_1; 12_2) and a base support (14), wherein the fuse element (12_1; 12_2) is disposed on a surface of the base support (14).

Fig. 1